



The Health of Blackburn 1972



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COUNTY BOROUGH OF BLACKBURN

Annual Report on the Health Service for the year 1972

J. ARDLEY, M.B., B.S., D.P.H.,
Medical Officer of Health

CONTENTS

	<i>Page</i>
I Vital Statistics	3
II Sanitary Circumstances, Food Supply and Infectious Diseases.. .. .	9
III Community Health Service—Statistical Tables ..	57
IV Report on School Health Service	79

HEALTH AND SOCIAL SERVICES COMMITTEE

The Mayor

COUNCILLOR T. ELLIS

Aldermen

HENSHALL

LOMAX

SIR G. B. EDDIE (*Ex-Officio*)

EDWARDS (*Chairman*)

YATES

Councillors

BRAMWELL

MARKHAM

BURY

MURRAY

BARKER

SMITH E. (*Vice-Chairman*)

DAWSON

TAYLOR (*Ex-Officio*)

GEDDES

WEST

LEWIS

WHITE

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health and Principal School Medical Officer

J. ARDLEY, M.B., B.S., D.P.H.

Deputy Medical Officer of Health and School Medical Officer

P. A. GARDNER, L.A.H. (DUBLIN) D.P.H. (from May)

Assistant Medical Officers (full time)

BERYL L. SEPHTON, M.B., Ch.B., D.P.H.

SARAH N. JOSEPH, M.B., B.S., D.R.C.O.G., D.P.H.

S. DATTA, M.B., B.S., D.G.O., M.R.C.O.G.

C. MUKHERJEE (from March)

Assistant Medical Officers (part-time)

M. M. THIERENS, M.B., Ch.B.

J. HANDLEY, M.B., B.S.

S. V. JOSHI, M.B., B.S., D.C.H.

R. PENDLEBURY M.B., Ch.B.

P. H. STEWART, M.B., Ch.B.

P. N. RAMPAL, M.B., B.S.

P. RUSSO, M.B., Ch.B., D.Ch

F. LIVESEY, B.Sc. M.B., Ch.B.

Part-time Consultant Medical Officers

J. EVANS M.D., F.R.C.S. (Oto-Rhinology)

P. R. STEVENS, M.R.C.S., L.R.C.P., D.O. (Ophthalmology)

D. M. SOMERVILLE, M.B., Ch.B. (Ophthalmology)

R. STALKER, M.D. (Consultant Chest Physician)

Dental Officers

J. RIGBY, L.D.S. (Principal Dental Officer)

J. GREGSON, B.D.S.

W. BLACKWELL, (*part time*) to Feb.

BURKE MRS. L. G. (*part-time*)

Public Analyst (part time)

A. C. BUSHNELL, F.R.I.C., M.Chem.A.

<i>Director Nursing Services</i>		Miss H. GRUNDY S.R.N., S.C.M., Q.S., H.V.Cert. (from Nov.)
<i>Superintendent Nursing Officer</i>	a	Miss L. M. BROWN, S.R.N., S.C.M., H.V.Cert. (to June)
<i>Deputy Superintendent Nursing Officer</i>		Miss M. E. THOMAS, S.R.N., S.C.M., H.V.Cert., Q.S.
<i>Non-Medical Supervisor of Midwives & Superintendent District Nursing Service</i>		Miss A. O'CONNELL, S.R.N., S.C.M., R.F.N., Q.S., H.V.Cert.
<i>First Assistant Superintendent District Nursing Service</i>		Miss C. M. HAYES, S.R.N., S.C.M., Q.S.
<i>Chief Public Health Inspector</i>	abc	C. AINSWORTH
<i>Deputy Chief Public Health Inspector</i>	abc	R RILEY
<i>Public Health Inspectorate</i>		
Sampling Officer	abe	T. G. MARSDEN
Senior Meat Inspector	ab	E. DUERDEN
Factories & Smoke Abatement Officer	aci	J. PYE, A.I.Plant.E.
Senior Housing Inspector	a	F. FORREST
Shops and Offices Inspector	a	N. MORRIS
Senior District Inspector	a	J. EDDLESTON
District Public Health and Assistant Meat Inspectors		7
Technical Assistant (Housing)		2
Technical Assistants (Smoke Control)		4
Pupil Inspectors		4
Rodent Operators		4
Disinfectors		2
Driver		1
<i>Health Visiting and Clinic Nursing</i>		
Health Visitor/School Nurses		33
Student Health Visitors		2
Clinic Nurses (including part-time)		22
<i>Midwifery Service</i>		
Midwives (including part-time)		9

Home Nursing Service

District Nurses :

Full-time (including 1 male nurse)	26
Part-time	10
State Enrolled Nurses	2

Physiotherapy

Senior Physiotherapists

Mrs. S. E. STANDEN (nee Child)
(from Dec.)
Mrs. B. J. LAMBERT

Chiropody

Chiropodists

J. POLLARD, M.Ch.S.
P. L. FOXCROFT, M.Ch.S.
C. I. HUNT, M.Ch.S.
Mrs C. HUNT, M.Ch.S.

Occupational Therapists

MRS. S. PRICE, M.A.O.T.

Orthoptists :

Mrs. M. Snape, D.B.O.
Mrs. S. Preston
Mrs. P. A. JENNISON (Part-time)

Speech Therapist :

Mrs. J. B. SCOTT (to Oct.)
Mrs. J. Knight (part-time)

Dental Attendants :

Senior Dental Attendant Attendants

Miss L. E. Walsh
3 (two part-time)

Audiometrician :

E. Townson
Mrs. P. Iveson

Educational Psychologists :

Mrs.H. R. MACDONALD, M.A.,
A.B.Ps.S.
A. M. SAPSFORD, B.Sc.

Psychiatric Social Worker :

Mrs. K. RYDEN (Part-time) B.Sc.,
(H. & S.S.)

Ambulance Service

Ambulance Officer

N. H. LAKIN

Deputy Ambulance Officer

L. LONG

Ambulance Personnel

44

Administrative and Clerical

Principal Administrative Officer	a	T. HODSON
Deputy Principal Administrative Officer	g	W. R. HINDLE
Snr. Administrative Assistant	g	A. J. SNAPE (from March)

Senior Section Officers

Secretary to M.O.H.		Mrs. B. J. THORNTON
Public Health Inspectorate	g	Mrs. O. CROSSLEY
West Division	g	Mrs. C. M. TOPHAM (from Feb.)
East Division	g	A. J. SNAPE (to Feb.)
	gh	F. CUMPSTEY (from Feb.)

Clerical Staff, Receptionists and Telephonists

57

Miscellaneous

Attendants, Drivers	1
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Key to Qualifications not otherwise shown

- (a) Certificate of the Public Health Inspectors' Education Board
- (b) Certificate in Meat and Other Foods
- (c) Smoke Inspectors' Certificate
- (d) Certificate in Sanitary Science as applied to Buildings and Public Works.
- (e) Certificate of the Institute of Public Health and Hygiene
- (g) Local Government Clerical Division Examination
- (h) Diploma in Municipal Administration
- (i) Cert. Advanced Fuel Technology, C. & G. Lond. Inst.

January 1974

Dear Mr. Chairman and Members of the Health Committee,

Herewith my Report on the Health of Blackburn during 1972.

During 1973, my Senior Staff and myself were almost totally occupied in Health Service Re-organisation. Consequently this Report is not only grossly delayed but is merely of academic interest. It is also almost entirely restricted to general statistical data.

I hope to finalise the epoch of the Public Health and Community Health Services as we have known them for the past 100 years in my Report for 1973, the last as Medical Officer of Health of Blackburn County Borough.

I am, Your obedient servant,

J. Ardley,

Medical Officer of Health

VITAL STATISTICS

VITAL STATISTICS

Area (in Acres)	..	..	..	..	..	8,080
Population (Census 1971)	..	..	..	..	..	101,816
„ (Estimated middle of 1972)	..	..	..	..	..	101,170
Rateable Value	..	..	..	..	..	£3,755,207
Sum Represented by a Penny Rate	..	..	..	..	..	£34,800
Rate in the £ (excluding Water), 1971/1972	..	..	..	..	..	£1.18½

EXPENDITURE ON HEALTH TO 31.3.72.

	Expenditure £	Income £	Nett expenditure £
Health Services— 1946 Act Account	.. 398,580	.. 54,619	.. 343,961
General Account	.. 66,265	.. 2,293	.. 63,972

LIVE BIRTHS :

Legitimate	.. 1,636	Males	.. 942	Birth Rate	17.9
Illegitimate	.. 177	Females	871	(England & Wales 14.8)	
Total	.. 1,813				

STILLBIRTHS :

Total	 18	Rate per 1,000 total births and still births	10
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PERI-NATAL MORTALITY :

Total	 44	Rate per 1,000 total births and still births	24.03
(i.e. Stillbirths and Deaths under one week).		Comparison with previous years :	1971—34.00
			1970—25.00
			1969—32.00
			1968—28.75
			1967—25.45

INFANT MORTALITY :

(i.e. Deaths under one year of age.)	Legitimate	.. 39	Rate per 1,000 live births	Legitimate	24
	Illegitimate	4		Illegitimate	23
	Total	43		All	 24

MATERNAL MORTALITY :

From Sepsis .. Nil.	Rate per 1,000 live and .. 1.2
Other Causes .. 2	still births

DEATHS :

Males 723	Death Rate per 1000 13.4
Females.. .. 837	(England and Wales)
1,560	

Percentage of deaths occurring in Institutions.. .. 46.34%

Causes of Death, 1972 :

During 1972 the chief causes of death were :

	<i>No. of Deaths</i>	<i>Rate per 1,000 population</i>
Ischaemic Heart Disease	376	3.71
Circulatory diseases	223	2.24
Malignant Neoplasms	240	2.36
Other diseases of the Respiratory System—Non-T.B.	25	0.24
Cerebro-vascular disease	178	1.76
Pneumonia	210	2.07
Bronchitis and Emphysema	114	1.12
Congenital Anomalies	15	0.147

Other Diseases of bodily systems, and group diseases to which death was assigned :

	<i>No. of Deaths</i>	<i>Rate per 1,000 population</i>
Peptic Ulcer	8	0.07
Renal System	7	0.06
Enteritis and other diarrhoea diseases (under 2 years)	Nil.	
T.B.—all forms	4	0.04
Infectious and infective diseases	3	0.03

CAUSES OF DEATH OF BLACKBURN RESIDENTS

during different periods of life, 1972

TABLE 1

CAUSE OF DEATH	Sex	Total all Ages	U'nder 4 weeks	and under 1 year	AGE IN YEARS								
					1—4	5—14	15—24	25—34	35—44	45—54	55—64	65—74	75 +
1. Tuberculosis of Respiratory System	M F	4 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	1 ..	1 ..	1 ..	.. ..
2. Meningococcal Infection	M F	1 ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
3. Other Infective and Parasitic Diseases	M F	1 2	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. 2	.. ..	.. ..	.. ..
4. Malignant Neoplasm, Buccal Cavity, etc. ..	M F	2 3	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. 2	1 ..	.. 1
5. Malignant Neoplasm, Oesophagus	M F	2 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	1 1	.. 4
6. Malignant Neoplasm, Stomach	M F	15 20	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	.. ..	3 1	1 4	6 5	5 9
7. Malignant Neoplasm, Intestine	M F	13 17	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	5 2	5 5	3 9
8. Malignant Neoplasm, Larynx	M F	4 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	1 ..	2 ..
9. Malignant Neoplasm, Lung, Bronchus.....	M F	52 10	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	4 ..	3 5	11 ..	28 2	6 3
10. Malignant Neoplasm, Breast	M F	.. 21	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 2	.. 6	.. 6	.. 7
11. Malig. Neoplasm, Uterus	F	13	..	..	..	..	..	..	1	1	4	4	3
12. Malig. Neopm, Prostate	M	3	..	..	..	..	..	..	..	..	..	1	2
13. Leukaemia	M F	1 2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. 1	.. 1
14 Other Malignant Neoplasms	M F	22 34	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. 2	1 4	5 14	10 5	5 9
15. Benign and Unspecified Neoplasma	M F	3 2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	.. ..	.. 1	2 ..
16. Diabetes Mellitus.....	M F	3 11	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	1 ..	.. ..	.. 3	1 4	.. 4
17. Other Endocrine, etc. Diseases	M F	.. 3	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. 1	.. 1
18. Anaemias	M F	3 2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	2 2
19. Other Diseases of Blood	M F	2 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	1 ..	.. ..	.. ..
20. Mental Disorders.....	M F	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..
21. Meningitis	M F	1 ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
22. Other Diseases of Nervous System, etc.	M F	2 2	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 1
23. Chronic Rheumatic Heart Disease.....	M F	12 15	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	1 ..	.. 1	2 2	7 7	1 5
24. Hypertensive Disease ..	M F	11 12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	4 1	3 4	3 7
25. Ischaemic Heart Disease	M F	208 168	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	5 ..	24 6	49 17	70 52	59 93
26. Other Forms of Heart Disease	M F	24 69	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 ..	5 2	5 4	12 63

CAUSES OF DEATHS OF BLACKBURN RESIDENTS (continued)

CAUSES OF DEATH	Sex	Total all Ages	U'der 4 weeks	and under 1 year	AGE IN YEARS								
					1—4	5—14	15—24	25—34	35—44	45—54	55—64	65—74	75 +
27. Cerebrovascular Disease	M	57	..	..	..	..	1	..	1	4	9	15	27
	F	121	..	..	..	..	..	..	..	3	7	28	83
28. Other Diseases of Circulatory System ..	M	29	..	..	..	..	..	..	1	..	5	11	12
	F	51	..	..	..	..	..	..	1	2	3	12	33
29. Influenza	M	3	..	..	..	..	..	..	..	1	..	2	..
	F	2	..	..	..	..	..	..	..	..	..	1	..
30. Pneumonia	M	77	2	1	..	..	..	1	1	3	7	18	45
	F	133	2	2	..	..	..	1	..	2	3	29	94
31. Bronchitis and Emphysema	M	74	..	..	..	..	..	..	..	4	15	31	24
	F	40	..	..	..	..	..	..	..	3	3	16	18
32. Asthma	M	4	..	..	..	..	..	1	..	1	..	2	..
	F	1	..	..	..	..	..	..	..	..	..	1	..
33. Other Diseases of Respiratory System ..	M	9	..	1	..	..	..	..	..	2	2	3	1
	F	6	..	3	..	..	..	..	..	..	..	..	3
34. Peptic Ulcer	M	4	..	..	..	..	..	..	..	..	1	2	1
	F	4	..	..	..	..	..	..	..	..	..	1	3
35. Appendicitis	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	1	..	..	..	1	..	..	..	..	..	..	..
36. Intestinal Obstruction and Hernia	M	3	..	2	..	..	..	..	..	..	..	1	..
	F	1	..	..	..	..	..	..	..	..	..	1	..
37. Cirrhosis of Liver	M	3	..	..	..	..	..	..	1	1	..	..	1
	F	1	..	..	..	..	..	1	..	..	..	..	..
38. Other Diseases of Digestive System	M	9	..	..	..	..	..	..	..	2	1	3	3
	F	8	..	..	..	..	..	..	..	2	..	1	5
39. Nephritis and Nephrosis	M	3	..	..	..	..	..	..	..	..	1	..	2
	F	2	..	..	..	..	..	..	..	..	..	2	..
40. Hypcrplasia of Prostate ..	M	2	..	..	..	..	..	..	..	..	..	..	2
	F	..	..	..	..	..	..	..	..	..	..	..	..
41. Other Diseases, Genito-Urinary System	M	4	..	..	..	..	..	..	1	..	..	3	3
	F	13	..	..	..	..	..	..	..	2	3	..	8
42. Diseases of Musculo- Skeletal System	M	2	..	..	..	1	..	..	..	..	..	2	1
	F	5	..	..	..	..	..	..	..	..	..	..	3
43. Congenital Anomalies ..	M	10	5	2	..	..	..	..	1	1	..	..	1
	F	5	3	..	..	1	..	1	..	..	..	..	..
44. Birth Injury, Difficult Labour, etc.	M	5	5	..	..	..	..	..	..	..	..	..	..
	F	4	4	..	..	..	..	..	..	..	..	..	..
45. Other Causes of Perinatal Mortality ..	M	2	2	..	..	..	..	..	..	..	..	..	..
	F	7	7	..	..	..	..	..	..	..	..	..	..
46. Symptoms and Ill Defined Conditions ..	M	1	..	..	..	..	..	..	..	..	..	..	1
	F	6	..	..	..	..	..	..	..	..	..	..	6
47. Motor Vehicle Accidents	M	11	..	..	1	1	1	1	..	1	2	..	4
	F	5	..	..	2	1	..	..	..	..	..	..	2
48. All Other Accidents	M	15	..	1	1	3	1	1	3	2	1	1	1
	F	5	..	..	..	..	..	..	..	2	..	..	3
49. Suicide and Self- Inflicted Injuries	M	4	..	..	..	..	..	..	1	1	2	1	..
	F	2	..	..	..	..	..	..	..	..	1	..	..
50 All Other External Causes	M	3	..	1	..	..	..	..	..	..	2	..	..
	F	1	..	..	..	..	..	..	..	..	1	..	..
Total All Causes	M	723	14	8	4	6	3	7	18	63	137	230	233
	F	837	16	5	2	3	2	3	5	38	79	200	484

**NO. OF CHILDREN WITH
Table 2 CONGENITAL ABNORMALITIES NOTIFIED AT BIRTH—1972**

Code	Category	1966	1967	1968	1969	1970	A 1971	B 1971	A 1972	B 1972
0	Central Nervous System									
	Spina Bifida	..	3	2	2	3	3	7*	2	6*
	Anencephalic	..	..	..	..	..	4	5*	1	1
	Hydrocephalus	..	1	1	1	1	1	2*	..	2*
	Dorsal Meningocele	..	..	..	..	2	2	2	..	..
	Erbs Palsy	..	..	..	..	..	1	1	..	..
	Microcephalic	..	..	..	..	..	..	1*	..	..
	Meningo—Myocele	..	..	..	..	..	..	..	..	1*
	Encephalocele	..	..	..	..	..	..	..	1	1
1	Eye and Ear									
	Ear—Rt accessory auricle	1	1	..	..	..	1	1	..	..
	Cornical Opacity—both lens	..	..	..	..	..	..	..	..	..
	Cataract—congenital	..	1	..	..	..	..	..	..	..
	Pupils—unequal	..	1	..	..	..	..	..	..	..
	Left eye—absent	..	..	1	..	..	..	..	..	..
	Ear—cartilage defect	..	1	..	..	..	..	1*	..	..
	Rt Ear—Deformity of Pinna	..	..	..	..	..	..	..	1	1
2	Alimentary System									
	Hare Lip	1	1	1	1	1	1	3*	..	2
	Hirschsprung Disease	..	..	..	..	..	..	..	..	..
	Umbilical Hernia	..	..	..	..	..	..	..	..	..
	Cleft Palate	2	1	..	1	2	..	3*	4	6*
	Anus — imperforate	..	1	..	..	..	1	1	..	..
	Rectal Atresia	..	..	1	..	..	..	..	..	..
	Congenital hiatus hernia	..	..	2	..	..	..	..	..	..
	Sub lingual cyst	..	..	1	..	..	1	1	..	..
	Glossoptosis microenathus	1	..	..	..	..	..	..	..	..
	Oesophageal Atresia	..	..	..	..	..	1	2*	..	..
	Abdominal tumour	..	..	..	..	..	1	1	..	..
3	Heart & Circulatory System									
	Congenital heart lesion	..	..	..	1	1	1	1	..	..
	Heart—septal defect	..	..	1	..	..	1	1	..	..
	Rt side cephalematoma	..	..	..	..	..	1	1	..	..
	Hyaline membrane diseased	..	..	..	..	..	1	1	..	..
	Unspecified Heart Disease	..	..	..	..	..	..	..	2	4*
5	Urino-Genital System									
	Genitals	..	..	..	..	1	1	1	..	..
	Hypospadias	1	1	2	..	1	..	..	..	..
	Malformation—kidney	..	..	1	..	..	1	1	1	1
	Ectopic bladder	..	..	..	..	..	1	1	..	..
	Imperforate meatus	..	..	..	..	..	1	1	..	..
6	Limbs									
	Osteomalacia	..	..	..	..	..	..	..	..	..
	Talipes	3	7	4	3	2	5	7*	1	4*
	Polydactyly	..	..	..	..	1	2	3*	1	1
	Thumb bone missing	..	..	..	..	..	..	..	..	..
	Webbed toes	2	..	..	..	1	..	..	1	1
	Hand—fingers malformed	..	1	..	1	1	2	2	..	..
	Hand—webbed finger	..	1	..	..	..	..	..	..	..
	Hips—bilateral dislocation	..	..	1	..	1	..	..	1	1
	Hip Deformity—Not Dislocation	..	..	..	..	..	..	..	1	1
	Syndactyly—toes	..	..	2	..	..	..	..	..	..
	Flexion deformity—thumbs	..	..	..	1	..	..	..	..	..
	Dropped wrist	..	..	..	1	..	..	..	..	..
	Legs—severe abnormality	..	..	..	1	..	..	..	..	..
	Absence left forearm	..	..	..	..	1	..	..	..	..
	Malformed Arms and legs	..	..	..	..	..	1	1	..	..
	Angioma Left Leg	..	..	..	..	..	..	..	1	1
	Rt. Foot Slightly Displaced	..	..	..	..	..	..	..	..	1*
	Deformity Left Leg	..	..	..	..	..	..	..	..	1*
	Rudimentary Thumbs	..	..	..	..	..	..	..	1	1
7	Other Parts of									
	Muscular Skeletal System									
	Sacrum irregularity	..	..	..	..	..	..	..	..	..
	Muscle deformity	1	..	..	..	..	..	..	..	..
	Crown of head	..	..	1	..	..	..	..	..	..
	Base of spine—depression	1	..	1	..	..	..	..	..	..
	Rt sterno mastoid rumour	..	..	..	..	1	..	..	..	..
	Prom. Lumber Spine (Central)	..	..	..	..	..	..	..	1	1
8	Other Systems									
	Pilonoidal sinus	..	1	..	1	3	1	3*	2	2
	Pilonoidal dimple	1	..	..	..	1	..	..	2	2
	Haemangioma	..	..	..	2	..	1	1	..	..
	Birthmarks	1	4	..	3	5	3	3	6	6
	Ichthyosis	..	..	..	1	..	..	..	..	..
	Exomphalos	..	..	..	1	1	..	..	..	..
	Perineal skin tag	..	..	..	..	1	..	..	..	..
	Rt foot skin tag	..	..	..	..	1	..	..	..	..
	Pre Auricular Sinus	..	..	..	..	..	..	..	1	1
	Torticollis	..	..	..	..	..	..	..	..	1*
	Skin Tag Rt. Ear	..	..	..	..	..	..	..	1	1
	Dermoid Cyst	..	..	..	..	..	..	..	1	1
9	Other Malformations									
	Hygroma chest	..	..	..	..	2	1	1	1	3*
	Mongolism	1	1	2	..	2	10*	1	9*	3*
	Multiple malformation	..	1	..	..	2	..	..	..	..
	Chromosome abnormality	..	..	1	..	..	..	..	..	..
	Disorders of function	..	..	..	..	..	..	..	..	..
	Metabolic acidosis	..	..	..	..	1	..	..	..	..
A	Total numbers of children with congenital abnormalities notified at birth	17	28	25	21	37	51		43	
B	Total number of abnormalities showing nature of the multiple abnormalities							61		55

* Includes cases where Multiple Abnormalities have occurred

**SANITARY CIRCUMSTANCES
FOOD SUPPLY
AND INFECTIOUS DISEASES**

SANITARY INSPECTION OF THE AREA.

During the year, the following visits and inspections were made by the Public Health Inspectors :

Number of complaints investigated	1802
Applications for Corporation Houses	578
Choked sewers or Street Gullies	145
Choked or defective drains	212
Common Yards, Passages, etc.	178
Dirty and Verminous Premises	259
Food Shops	1009
Infectious Diseases	3015
Inspections of dwelling houses	495
Interviews	750
Knackers Yards	17
Licensed premises	231
Lodging Houses, Common	14
Houses in multiple occupation :-Lettings	104
Miscellaneous	2306
Offensive Trades	37
Rent Act	Nil.
Rodent Control	413
Schools	88
Smallpox Contacts	7
Smoke Observations.. .. .	27
Stables & Piggeries	1
Wasps Nests	12
Theatres and Cinemas	22
Re-visits after Notice, Dwelling Houses	3298
Revisits after Notices, Other Premises	408
Ineffectual Visits	2030
Slum Clearance.. .. .	1239
Clean Air Stations	218
Water Samples	27
Drains Tested	304
Noise Abatement	349
Pet Shops	15
Factories	181

Offensive Trades

The number of offensive trades is three. These consist of one Fat Extracting; one Gut Scraping and one Tripe Boiling. There is also one Knackers Yard. All are visited regularly.

Insanitary Dwellings

Twelve houses were closed during the year as being unfit for human habitation.

Verminous Premises and Persons

Three hundred and ninety five premises comprising one thousand two hundred and seventy five rooms have been disinfested. Two hundred and eighty eight infested persons were treated at the Cleansing Centre.

Infected Premises

Twelve private dwelling houses comprising eighteen rooms, were disinfected following cases of infectious disease.

Common Lodging Houses

The Salvation Army Hostel (71 male lodgers) in Regent Street is the only common lodging house in the Borough.

It is inspected regularly and is a well run establishment.

During the year premises have been made available by the Social Services Department, assisted by Voluntary organisations to provide overnight shelter for homeless persons. Whilst this is not classed as a Common Lodging house the Health Department co-operate by carrying out disinfestation of the premises and/or persons should the need arise.

Houses in Multiple Occupation

There are a number of houses in multiple occupation in the town. There is no preponderance of immigrants occupying this type of accommodation as most appear to buy houses of their own.

Local Land Charge Enquiries

When properties are put up for sale the solicitor for the purchaser enquires from the Local Authority whether or not there is anything outstanding against the premises. So far as this department is concerned it means checking by the various inspectors to see if any requirements of the following Acts have not been complied with : Public Health ; Housing ; Food and Drugs ; Shops, etc., and Clean Air Acts.

During the year enquiries were received concerning 3577 premises.

RODENT CONTROL.

Sewer Control

During the year 1012 manholes which had been infested at some time in the past were poisoned using oatmeal with paranitrophenol and the poison fluoracetamide. No test baiting was carried out due to staff shortage and to the other commitments of the operators.

Surface Control

During 1972, 1954 complaints of rat and mouse infestation were received. This is 158 more than in the previous year. On investigation however, 379 complaints did not show any infestation. Empty houses which are quickly vandalised and used as rubbish tips continue to be a source of trouble and complaint. During the year stretches of the River Blakewater were treated.

Complaints

No. of complaints received and investigated— :	Rats	..	622
	Mice	..	1332
No. of infestations found	Rats	..	358
	Mice	..	1217

Survey

No. of properties inspected	..	..	..	..	..	238
No. of infestations found	..	..	..	..	Rats	.. 2
					Mice	.. 1

Treatments

No. of premises treated	..	..	..	..	..	1635
No. of visits re-treatments	..	..	..	..	..	5830
Defective drains found	..	..	..	..		11
Defective drains repaired	..	..	..	..	..	9

DISEASES OF ANIMALS ACT

There were no outbreaks of disease during the year, and all visits under the Act were of a routine character. As in previous years co-operation with Officers of the R.S.P.C.A. has been maintained.

Details of action taken are as follows :—

Foot and Mouth Disease (Controlled Areas Restrictions) Orders 1938 and 1956.

Movement licences issued	..	..	Nil.
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Regulation of Movement of Swine Order 1959.

Movement licences issued	..	..	46
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Diseases of Animals (Waste Foods) Order 1957.

Visits to licenced plants	..	..	6
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Fowl Pest Order, 1936

Visits regarding Fowl Pest	..	..	Nil.
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Cattle Imported from Ireland.

Movement licences issued:	..	..	Nil.
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Other Visits

Farms (movement records)	..	..	55
Cattle Market (transport etc., of animals)			56
Knackers Yards.. .. .	..	..	17
(Hygiene and Humane conditions)			
Pet Shops (Licencing of)	..	..	22
Boarding Establishments	..	..	2

No prosecutions were instituted during the year but 2 cautions were issued.

FACTORIES ACT, 1961, AND THE SANITARY ACCOMMODATION REGULATIONS, 1938

	Non- Power	Power	Other Premises	Total
Number of factories on Register	15	586	18	619
Number of Inspections	2	63	1	66
Number of re-visits	..	115	..	115
Cases where defects found	..	21	1	22
Written notices	..	4	1	5
Verbal notices	..	17	..	17
Cases remedied	..	29	..	29
Referred to H.M.I.	..	..	..	..
Referred by H.M.I.	..	3	1	4
Prosecutions	..	..	..	..

CASES WHERE DEFECTS WERE FOUND.

	Found	Rem- edied	Referred		Prose- cutions
			to H.M.I.	by H.M.I.	
Sec. 1. Want of Cleanliness ..	..	..	..	..	..
Sec. 2. Overcrowding	..	..	..	..	..
Sec. 3. Unreasonable temperatures	..	..	..	..	..
Sec. 4. Inadequate ventilation	..	..	..	..	..
Sec. 6. Ineffective drainage of floors	..	..	..	..	..
Sec. 7. Sanitary Conveniences					
(a) Insufficient	..	..	..	..	..
(b) Unsuitable or defective	22	29	..	4	..
(c) Not separate for sexes	..	..	..	..	..
Other offences against the Act (not including offences relating to outworkers) ..	..	..	..	..	..
TOTAL	22	29	..	4	..

SEWERAGE AND SEWAGE DISPOSAL

I am indebted to the Borough Engineer for the following comments on Sewerage and Sewage Disposal.

During the year work involving sewers was carried out on the Ashworth Street, Pearl Street, and Bennington Street housing schemes and on the Whitebirk, Roman Road, Shadsworth—Haslingden Road Industrial Sites.

The main drainage schemes at Ashworth Street, Darwen Street Bridge and Roman Road-Milking Lane were completed. Work was commenced on construction of storm water tanks at Samlesbury, and on the construction of a new outfall sewer from Samlesbury to Pleasington Fields.

An extensive programme of sewer renewal is in preparation.

WATER SUPPLY.

I am indebted to Mr. K. Crook, Divisional Engineer (Eastern Division) to the Fylde Water Board for the following report on the town's water supply.

Mains laid : 3" and over	2.820 Km.
Domestic properties connected	481
Separate service pipes under grant-aided scheme	208
Increase in consumption	4.7%

No new sources of supply have been brought into use during the year.

BACTERIOLOGICAL ANALYSIS.

Source of Sample	Number Examined	No. free from Coliform Organisms	Per cent. Satisfactory	Aerobic micro-organisms growing in Yeastral Agar No. of Colonies per ml. of sample	
				in 2 days at 37°C.	in 3 days at 22°C.
Fishmoor Distribution	77	77	100%	1	1
Revidge „	78	78	100%	2	5
Ramsgreave „	26	26	100%	1	12
Eddy Holes „	25	25	100%	1	13
Stocks Supply 36" main	52	52	100%	2	9

CHEMICAL ANALYSIS

	Ramsgreave system	Fishmoor & Guide system
Appearance	Clear & Bright	Clear & Bright
Colour (Hazen p.p.m. Pt)	5	5
Turbidity (p.p.m. Silica)	1.0	Nil.
Odour.. .. .	Nil.	Nil.
Taste	Normal	Normal
Reaction pH value	8.0	8.0
Electrical Conductivity. u.m.h.o./cc	120	105
	p.p.m.	p.p.m.
Residual Chlorine	0.15	0.20
Free and Saline Ammonia as N2	0.04	0.07
Albuminoid Ammonia as N2	0.08	0.01
Nitrous Nitrogen as N2	0.008	0.004
Nitric Nitrogen as N2	0.46	0.66
Oxygen absorbed 4 hrs. at 27°C.	0.80	0.47
Free Acidity as CO2	..	..
Carbonate Hardness as CaCO3	25	12
Total Hardness as CaCO3	48	38
Non-carbonate Hardness as CaCO3	23	26
Excess Alkalinity as Na2CO3	Nil.	Nil.
Calcium as CaCO3	42	32
Magnesium as CaCO3	6	6
Total Solids dried at 180°C.	87	82
Chloride as Cl	14	15
Sulphate as SO4	25	28
Lead as Pb	less than 0.05	less than 0.05
Manganese as Mn	0.01	0.02
Copper as Cu	..	..
Iron as Fe	0.02	0.02
Aluminium as Al	0.07	0.06
Fluoride as F	less than 0.10	less than 0.10

MEAT INSPECTION

Table 3

CARCASES INSPECTED AND CONDEMNED.

	Cattle excd'g Cows	Cows	Calves	Sheep and Lambs	Pigs	Goats
Number killed	4895	3463	99	44507	13414	2
Number inspected	4895	3463	99	44507	13414	2
All Diseases except Tuberculosis :						
Whole carcasses condemned	4	28	12	221	67	..
Carcases of which some part or organ was condemned	2229	2874	22	8922	5065	..
Percentage of the number inspected with disease other than tuber- culosis	45.61	83.80	34.34	20.54	38.25	..
Tuberculosis only :						
Whole carcasses condemned	..	..	..	..	..	..
Carcases of which some part or organ was condemned	..	..	..	..	40	..
Percentage of number inspected affected with tuberculosis ..	..	..	..	..	0.298	..
		Cows	Heifers	Steers	Bulls	
Cysticercosis :						
Carcases of which some part or organ was condemned		..	1	2	..	
Carcases submitted to treatment by refrigeration.		..	1	2	..	
Generalised and totally condemned		..	..	..	..	

Cysticercus Bovis

During the year, three cases were discovered during meat inspection at the abattoir. All were localised cases and after rejection of the offal and any affected parts the carcasses were sent into cold storage for the appropriate period.

Details of Carcases rejected for diseases other than Tuberculosis :

CATTLE

Septic Pleurisy	1	Septic Pneumonia	1
Pyæmia	3	Septic Peritonitis	4
Severe Bruising	1	Oedema and emaciation ..	15
Septic Pericarditis.. .. .	2	Jaundice	1
Septic Arthritis	2	Bacterial Necrosis	1
Leukaemia	1		
		 Total	32

SHEEP

Septic Peritonitis	5	Fevered	1
Oedema	31	Mucoid Degeneration	52
Pyæmia	1	Septic Pneumonia	12
Polyarthritis.. .. .	5	Emaciation	98
Immaturity	2	Severe Bruising	5
Multiple Tumours	6		
Decomposition	1		
Anaemia	2	Total	221

CALVES

Immaturity	1	Pyæmia	5
Septic Pneumonia.. .. .	2	Septic Peritonitis	1
Joint Ill	3		
		Total	12

PIGS

Pyæmia	25	Fevered	4
Polyarthritis	1	Oedema	2
Multiple Abscesses	4	Moribund	3
Severe Bruising	3	Erysipelas	2
Septic Peritonitis	4	Septic Enteritis	1
Muscular Fibrosis	1	Emaciation	15
Septic Pneumonia	2		
		Total	67

DISPOSAL OF CONDEMNED MEAT

Public Abattoir. The condemned meat and offal from the Public Abattoir is sold to three firms of fat melters and fertilizer manufacturers. Such material is either processed within the Borough at premises which are regularly visited, or is sold to other approved processors outside the Borough.

Carcases, etc. sent for Utilisation : 75 tons 2 cwts. 15 lbs.

INSPECTION OF OTHER FOODS

Number of Visits to Inspect Food

Meat Shops	23	Wholesale Fish, Fruit and	
Provision Shops	114	Vegetable Market	23
Meat Market	9	Fish Market	11
		Miscellaneous.. .. .	29

INSPECTION OF CONTAINERISED FOODSTUFFS

This consists of foods received in sealed containers not having been inspected at the port of entry. There were thirteen such consignments inspected, two of which were found unsatisfactory, the foods being returned to the importer.

Other Foodstuffs seized or surrendered

Tins and Jars of Miscellaneous Foods	10,859	Fruits	1,012-lbs.
Frozen Foods	18,281pks.	Vegetables	18,641-lbs.
		Miscellaneous Foods	2,795-lbs.

Wholesale Fish Market. Unsound fish is sold to a fertilizer manufacturer outside the Borough.

Other Foods. All other unsound foodstuffs are collected and disposed of by the Corporation.

Special Examination of Consignments. There were no special examinations of consignments of foodstuffs during the year.

FOOD HYGIENE

INSPECTION OF FOOD PREMISES

There are within the Borough the following food premises :—

Grocers	334
Greengrocers and Wet Fish Shops	36
Butchers	122
Cooked Meat Premises (other than Butcher)	19
Bakers and Confectioners	134
Fried Fish Shops	86
Cafes and Snack Bars	58
Licensed Premises	181
Mobile Shops	18
Stalls	101

The following table shows the numbers and types of premises registered under :—

(a) Food and Drugs Act, 1955 :

Manufacture, Sale or Storage for Sale of Ice-cream	568
Manufacture of Sausages and Cooked Meats	81

(b) Milk and Dairies (General) Regulations :

Number of Registered Dairies	2
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Summary of Premises Visited :

Licensed Premises	231
Butchers and Cooked Food Premises	78
Cafes and Snack Bars, etc.	130
Grocers	425
Bakehouses and Confectioners	121
Fish Fryers and Crisp Fryers	96
Greengrocers	132
Mobile Shops	27
Total Visits	1240

Number of Premises Inspected	936
Number Found Satisfactory	709
Number Found Unsatisfactory	227
Number of re-visits to Unsatisfactory Premises	304
Visits re proposed Food Premises	25
Miscellaneous visits	43

FOOD HYGIENE REGULATIONS, 1960.
DETAILS OF CONTRAVENTIONS FOUND.

Table 4

Food Rooms :

						<i>Found</i>	<i>Remedied</i>
Not efficiently lighted	..	..	..	..	..	1	—
Not sufficiently ventilated	..	..	..	..	..	5	5
Walls not clean	..	..	..	..	..	131	123
Walls not in good repair	..	..	..	..	..	17	14
Floors not clean	..	..	..	..	..	32	31
Floors not in good repair	..	..	..	..	..	16	16
Doors not clean	..	..	..	..	..	2	2
Doors not in good repair	..	..	..	..	..	1	1
Windows not clean	..	..	..	..	..	8	4
Windows not in good repair	..	..	..	..	..	1	—
Woodwork not clean	..	..	..	..	..	26	18
Woodwork not in good repair	..	..	..	..	..	4	4
Ceilings not clean	..	..	..	..	..	103	98
Ceilings not in good repair	..	..	..	..	..	10	10
Infestation by rodents	..	..	..	..	..	13	8
Accumulation of refuse	..	..	..	..	..	12	8
Food placed as to involve risk of contamination	..	..	..	..	..	37	31
Persons with dirty clothing	..	..	..	..	..	5	1
Persons smoking in food rooms	..	..	..	..	..	11	11
Persons with exposed cuts	..	..	..	..	..	—	—
Outdoor clothing in food room	..	..	..	..	..	3	2

Equipment:

Dirty Equipment	..	..	..	..	..	57	54
Equipment in bad repair	..	..	..	..	..	15	17
Equipment not protected from contamination	..	..	..	..	..	8	8
Absence of suitable wash hand basin	..	..	..	..	..	3	4
Absence of constant hot water	..	..	..	..	..	9	5
Absence of constant cold water	..	..	..	..	..	2	2
Absence of soap or detergent	..	..	..	..	..	13	8
Absence of nail brushes	..	..	..	..	..	23	19
Absence of clean towels, etc.	..	..	..	..	..	9	3
Absence of suitable first aid materials	..	..	..	..	..	15	8
Absence of suitable accommodation for clothing	..	..	..	..	..	2	3
Absence of suitable sink	..	..	..	..	..	3	4
Absence of constant hot water to sink	..	..	..	..	..	2	2
Absence of constant cold water to sink	..	..	..	..	..	—	—
Absence of clean cloths for drying	..	..	..	..	..	—	—
Sinks not clean and in working order	..	..	..	..	..	3	1
Absence of name & address on food vehicle	..	..	..	..	..	1	—

Sanitary Conveniences :

Not indicated with sex of user	..	..	..	..	..	—	—
Not in repair	..	..	..	..	..	1	2
Inadequately screened	..	..	..	..	..	—	—
Not clean	..	..	..	..	..	24	18
Not ventilated	..	..	..	..	..	3	5
Not lighted	..	..	..	..	..	6	3
In direct communication	..	..	..	..	..	2	4
No "wash hands" notices	..	..	..	..	..	23	20
No door fasteners	..	..	..	..	..	1	—

Markets and Stalls

Apart from mobile food vendors, all stalls in Blackburn are accommodated in the new Market Hall.

In addition to 5 cafes and 3 mini-food shops there are 25 food stalls which are open daily and 76 which are open for 3 days only per week.

All are inspected regularly.

During the year 62 stalls were found to be unsatisfactory in some respect, all of which were subsequently made satisfactory.

Agriculture (Welfare) Act 1956

Eleven farms were visited in connection with the employment of farm labour.

Fertiliser and Feeding Stuffs Act, 1926

Eleven informal samples of feeding stuffs and fertilisers were examined by the Analyst during the year. Eight were reported satisfactory and three unsatisfactory. The necessary action was taken following report on the unsatisfactory samples.

Food Poisoning

Thirty-eight cases of food poisoning were discovered during the year.

Food and Drugs Act, 1955

During the year seventy-one samples of milk were submitted to the Public Analyst. Sixty-four samples were reported satisfactory, two samples were reported unsatisfactory because of poor quality, and one sample unsatisfactory owing to fat deficiency and four samples showed slight amounts of extraneous water. In each case the producers were advised and a warning given where called for. A further one hundred and twenty six samples of other foods and drugs were taken eleven of which were reported as unsatisfactory.

The following table shows the action taken respecting the eleven samples reported not genuine.

<i>Articles Sampled</i>	<i>Analyst's Report</i>	<i>Action Taken</i>
Smetana	Fat content 9.2% Smetana implies a soured cream.	Fat content considered to be too low.
Cheese pre-packed	Size of lettering smaller than that allowed under the labelling of Food Regulations, 1970.	Manufacturer warned.
Beef Sausage	Contained preservative without a declaration of such.	Letter to vendor manufacturer.
Sjetost (cheese)	No indication of type of cheese. No statement that it had been derived from goat's milk.	Importer advised.
Goose Pate with Brandy	Brandy content only 0.5%	Small brandy content brought to notice of vendor and manufacturer.
Diabetic pineapples (canned)	Claims on label offence against Labelling of Food Regulations, 1970.	Undertaking given to modify labels.
Potted meat	Deficient of 47.9% of meat.	Prosecution begun. Case withdrawn following error in service of summons.
Sliced mushrooms (canned)	Claims on label offence against Labelling of Food Regulations, 1970.	Manufacturer notified.
Sulphur ointment	Double the amount of sulphur indicated found	Manufacturer notified.
Rice	Infested with book lice	Old stock surrendered in shop.
Jam and Cream sandwich	No cream present	Letter of warning sent.

OTHER COMPLAINTS INVESTIGATED AND ACTION TAKEN

Complaint

Meat Pie alleged to be unfit for consumption.

Baby food alleged to be unfit for consumption.

Mayonnaise alleged to have caused sickness.

Butter roll containing piece of paper.

Bacon showing a green colour in the lean meat.

Corn oil margarine. Two $\frac{1}{2}$ lb. packets mouldy.

Fly in packet of baby food.

Alleged maggot in meat and potato pie.

Unsatisfactory condition of meat and potato pie.

Pork chops alleged to be unsound.

Chicken and fried rice containing dead insect

Dead flies in soda syphon

Mould in tin of soup.

Goose pate mouldy

Metal trimmings in soup powder

Fly in cheese

Emery paper in breakfast food

Alleged snail in potato pie

Mouldy pre-packed cheese

Glass in bottle of milk

Action Taken

Pie examined. Considered satisfactory. No action.

Food sold eight months after usage date. Six packets withdrawn from sale for this reason. Warning given to vendor.

Nothing apparently wrong with Mayonnaise. Laboratory examination gave negative result.

Letter of warning sent.

No action. Natural condition.

Manufacturer prosecuted. Fined £75.

Letter of warning sent.

No maggot present. Alleged maggot was a piece of rolled potato skin.

Pie overbacked in warming oven of shop. Otherwise satisfactory.

Chops satisfactory. No action.

Examined rice at vendors. 1cwt. bag infested with weevil. Surrendered and destroyed. Warning given.

Warning given to vendor and manufacturer.

Warning to vendor.

Warning to vendor.

Manufacturer prosecuted. Fined £75 and £12 costs.

Warning to vendor

Warning to vendor

Snail was in fact a piece of rolled up potato peel. Warning to vendor.

Warning to vendor

Warning to producer-retailer

Complaint

Action Taken

Butter rancid	Verbal warning to vendor.
Mould in tin of fruit cocktail	Warning to vendor
Honey alleged to be unsound	Examined and found satisfactory
Fish finger alleged to be unsound	Examined and found satisfactory.
Bottle of milk containing bits of straw and dirt.	Warning to producer-retailer.
Metal in steak and kidney pie	Proceedings against manufacturer who appeared in court. Court adjourned. Sine Die.
Mouldy cheese	Slight specks of white mould on cheese. Warning to vendor.
Large sliced loaf containing piece of spanish in wrapper	Brought to notice of bakery.
Specks of foreign matter in pre-packed cheese	Letter to manufacturer
Beetle in packet of baby food (alive)	Unable to determine place of entry, packet part used. No action.
Alleged part of fly or beetle in fish and chips	Insect in fact potato peel.
Tin of stewed steak alleged to have caused sickness	Steak chemically and bacteriologically examined and found to be satisfactory.
Mutton curry containing pieces of ham	Vendor cautioned
Cooked Shoulder of ham alleged to be unfit for consumption	Ham being used outside recommended usage date Not unsound. Vendor advised.
Mouldy tin of green sliced beans	Vendor proscuted. Fined £50 and £12 costs.
Malt loaf containing a piece of wood	Foreign body not wood but fruit stalk. Discussed with manufacturer.
Grub in packet of butter	Referred to importer
Mouldy pre-packed cheese	Warning given.
Unsatisfactory carton of cream	Cream rancid. Advised vendor on storage.
Maggot in potato pie	Not available for examination. No action.
Dirt on chocolate eclair	Alleged dirt was a small piece of carbon from baking tray. Warning to baker.

<i>Complaint</i>	<i>Action Taken</i>
Potatoes alleged to be unsound	Potatoes had become soft and sour. Purchaser had, however, bought them fourteen days earlier. Vendor advised.
Drinking chocolate (3 gallons) unfit for consumption	Condition of chocolate probably caused through unsatisfactory storage by purchaser who was advised.
Mouldy wrapped loaf	Warning to baker
Metal washer in cake	Manufacturer prosecuted. Fined £50 with £12 costs.
Tin of pork luncheon meat alleged to be unsatisfactory.	Examined and found satisfactory.
Chicken sandwich alleged to contain maggots	Sandwich had been thrown away. Examined place of preparation of sale — satisfactory. No action.
Corned beef alleged to be unsound	Corned beef examined and found to be satisfactory. No action.
Mouldy pork pie (pre-packed)	Not produced at time of complaint. Discovered at place of purchase that it was sold out of usage date and a warning given.
One and a half inch nut and bolt in loaf.	Manufacturer prosecuted. Fined £50 with £12 costs.
Small piece of tile or crockery in swiss roll.	Warning given.
Worm in sandwich.	This was a salad sandwich not produced by complainant.
Carton of baby food sold after usage date.	Vendor cautioned and advised.
Tin of mouldy sliced green beans.	Vendor prosecuted. Fined £50 with £12 costs.
Corned beef alleged to have caused sickness.	Chemically and bacteriologically examined and found satisfactory.
Chicken sandwich containing maggots.	Sandwich not produced at time of complaint. Examined place of preparation. No signs of infestation which could have produced maggots.
Black plastic screw top in bottle of pasteurised milk.	Warning to dairy.
Milk alleged to contain added water.	Examined and found satisfactory.

Complaint

Earwigs in take out meal.

Swiss roll alleged to be unsound.

Large sliced loaf eaten by mice

Chicken alleged to be unfit for human consumption.

Large white sliced loaf alleged to contain foreign body

Mouldy pre-packed cheese.

Tin of pilchards unfit for consumption.

Mouldy hot pot.

Piece of plastic in jar of Bovril

Piece of black substance in pork pie.

Dirt in bottle of milk.

Resale of unlabelled tins.

Drawing pin in tin of hamburgers.

Chicken alleged to be unfit for consumption.

Maltesers alleged to be unsound.

Dirt in pork salad.

Grub in clear pickles.

Piece of alleged soap in sliced loaf.

Action Taken

Earwigs found in wrapping not meal. Inspected shop, no earwigs found.

Swiss roll unsound. According to coding the roll was sold eight weeks after usage date. Letter of warning to vendor.

Retailer prosecuted. Fined £50 with £12 costs.

Chicken unfit for consumption. The complaint was made three days after purchase. Warning to vendor.

Foreign body in fact was pieces of brown dough mixed with white. Letter to bakery to ensure cleanliness of plant.

Cheese sold three weeks after usage date. Remaining 48 cheeses withdrawn from sale. Letter of warning sent.

Letter of warning sent.

Warning letter to manufacturer.

Warning letter to manufacturer.

Substance piece of skin — no action.

Processing dairy advised and warned.

Withdrawn from sale.

Reported to Borough Solicitor. Complainant disappeared after attempting to blackmail vendors.

Complaint made too long after purchase for any positive action to be taken.

This was old stock manufactured in September, 1971
Warning to Vendor.

Warning to vendor.

Manufacturer warned.

Substance not soap but an ingredient improperly mixed.

*Complaint**Action Taken*

Mouse droppings in mince meat.

Mince meat not proved to be contaminated with mice droppings.

Tin of processed peas mouldy.

Letter of warning sent.

Black substance in pork luncheon meat.

Letter of warning sent.

Beef curry containing piece of ham.

Letter of warning sent.

Mouldy apple and cream tart.

Letter of warning sent.

Beetle in potato pie.

Fined £40 and £12 costs.

Mouldy pre-packed cheese.

Verbal warning given.

Foreign body in sliced loaf.

This was part of a sultana.

Mould in tomato and cheese sandwich.

No mould visible on sandwich. No action.

Shelled cockles alleged to be unsound.

Examined cockles submitted by complainant together with cockles at place of purchase. All satisfactory.

Brown sliced loaf alleged to contain foreign bodies.

Examined bread. Alleged foreign bodies pieces of whole wheat.

Worm in piece of fish.

Place of purchase outside borough. Complainant advised.

Mouldy pre-packed cheese.

Warning letter sent.

Grub in bar of chocolate.

Warning letter sent.

String in tin of strawberries.

Warning letter sent.

Mouldy pre-packed cheese.

Complaint withdrawn after visit from manufacturer.

Mould in bottle of Vimto.

Warning letter sent.

Insect in tin of green beans.

Warning letter sent.

Tinned milk unfit for consumption.

This was an old tin. Contents deteriorated through age. Letter of warning to vendor.

Hairclip in hot pot.

Warning letter sent.

Black pieces in barm cakes.

Black pieces proved to be mice droppings. Bakery found to be infested with mice. Baker prosecuted. Fined £50 with £12 costs.

Finger dressings in potato pie.

Prosecuted. Fined £50 with £12 costs.

Complaint

Action Taken

Part animal in egg and mushroom curry.

This was head and shoulders of a mouse. Rest of mouse was eaten with meal. Prosecuted. Fined £75 with £12 costs.

Mice droppings in trifle.

Letter of warning sent to manufacturer.

Pork luncheon meat unfit for consumption.

Caused by slight defect in sealing of tin. Vendor cautioned.

Foreign body in white sliced loaf.

Foreign body consisted of brown dough. This had become mixed with white dough during production. Warning to Baker.

ICE CREAM

The number of premises registered for the manufacture, sale or storage for sale of ice cream has fallen by four. During 1972, three such applications were received, whilst seven registrations were cancelled.

Number on Register, 31st December, 1971	..	572
Number of Registrations discontinued during 1972		7
Number of premises registered during 1972	..	3
Number on Register, 31st December, 1972	..	568

Bacteriological Examination

Fifty-nine samples were taken of which fifty-one came within Grade 1, two examined in Grade 2, nil in Grade 3 and six in Grade 4, two lolly ices were examined and found satisfactory.

Chemical Examination

The present standard is 5% fat and 7½% milk solids not fat.

Six samples were submitted to the Public Analyst and were chemically satisfactory.

ICE CREAM PREMISES

Two hundred and ninety-four visits were made to registered premises and thirty-one warnings given for various contraventions.

Ice Cream Vehicles

Nine vehicles were inspected and two verbal notices given for various contraventions.

DAIRIES AND MILK SUPPLY

Dairies

Two hundred and one visits were made to dairies. Nine verbal notices were given and seven letters sent for contraventions of the Milk and Dairies Regulations.

Farms

Seventy-seven visits were made in connection with adverse reports on milk samples, and advice given to the farmers concerned.

Milk Vehicles

Twenty-one milk vehicles were inspected during the year. Five verbal notices were given and a letter sent for contravention

Milk (Special Designations) Regulations, 1960

Two hundred and four samples of designated milk were bacteriologically examined.

The following table shows the grades of milk examined and the results of the tests :—

Table 5

CLASS OF MILK	Number of samples	Number satisfactory	Number not satisfactory	TESTS FAILED		
				Phosphatase	Methylene Blue	Biological
Pasteurised	66	60	6	1	5	..
Sterilised	19	19	..	..	..	..
Ultra Heat Treated	22	21	1	APPROVED TEST		
Untreated	97	80	17	..	17	..
All grades examined for Tuberculosis	35	35	..	..	..	..
Brucella Abortus	35	29	6	..	..	..

Brucella Abortus

One milk found to be infected with Brucella Abortus organisms was from a herd in Blackburn County Borough. The milk from this herd was required to be heat treated before retail sale.

The remaining five were produced in adjoining areas, the milk being sold retail in the County Borough.

The appropriate Authorities were notified and steps were taken to ensure that the herds concerned were rendered free from infection.

Cream

Sixteen samples of cream were bacteriologically examined and nine found to be satisfactory, seven were reported unsatisfactory.

Foods other than milk

Forty-five samples of a variety of foods, mainly cooked meats, were sent for bacteriological examination. Of these, fourteen were considered to be unsatisfactory. The producers and retailers of these unsatisfactory foods were interviewed and advised.

HOUSING

(a) General

Houses built during 1972 :		
(i) By Corporation :	Houses and Flats	160
(ii) By Private Enterprise :	Houses	354
	TOTAL	514

(b) Statistics

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :

(1) (a)	Total Number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	495
(b)	Number of inspections made for the purpose	3298
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	Nil
(b)	Number of inspections made for the purpose	Nil
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	12
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	379

2 REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or their officers	276
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

A. Proceedings under the Housing Act, 1957, ss 9, 10 and 16 :

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	Nil.
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—	
(a)	By Owners	Nil.
(b)	By local authority in default of owners	Nil.

B. Proceedings under Public Health Acts :

(1) Number of notices outstanding at 31.12.1971	10
(2) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	85
(3) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	35
(b) By local authority in default of owners	56
(4) Number of notices outstanding at 31.12.1972	4

C. Proceedings under ss. 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil.
(3) Number of dwelling-houses in respect of which Closing Orders were made	Nil.
(4) No. of dwelling-houses in respect of which Closing Orders were determined	Nil.
(5) Undertaking accepted not to relet	7
(6) Dwelling-houses demolished voluntarily	Nil.

D. Proceedings under Section 18 of the Housing Act, 1957 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.

E. Proceedings under Blackburn Improvement Act 1882 :

(1) Number of houses closed under Section III.	12
(2) Number of houses demolished under Section 112.	Nil.

RENT ACT, 1957.

This act came into operation on 6th July, 1957, and amended the Rent and Mortgage Interest Restrictions Acts 1920 to 1939 and other enactments relating to the control of rents and the right to retain possession of houses. The Act deals in the main with matters relating to landlord and tenant, and makes provision whereby a tenant may under certain circumstances, make application to the Local Authority for a certificate of disrepair. No applications were received for certificates of disrepair during the year.

SLUM CLEARANCE

Report by Mr. F. Forrest, Senior Housing Inspector.

Clearance of Unfit Properties

The representation of two Clearance Areas forming Phase II of the Scotland Road Redevelopment Scheme maintains the progress required by the Clearance Programme.

Confirmation of nineteen areas contained in the Anvil Street, Fort Street, Galligreaves Street and Thompson Street Compulsory Purchase Orders was received during the year. Over one thousand unfit dwellings were involved, and some of these had been demolished prior to confirmation.

Decisions taken during the year, following a capability study to accelerate the rate of Clearance, resulted in the engaging of further staff both qualified and technical. Consequent upon these appointments a start was made on a sample survey of approximately one thousand houses which when completed and analysed will give an average picture of property condition within the Borough from these analyses, together with current information it is the intention of the Department to produce a **five** year Clearance Programme based on a representation figure of approximately one thousand houses per year.

The increasing use of the improvement grant facilities is indeed helping to provide many homes with essentials for modern living. It should be remembered however that this must be more than "a facelifting" operation to ensure that the thirty year life required by legislation is satisfied. Without this essential the Borough will be faced with a continuing Clearance Programme for some years.

TABLE 6

PROGRESS REPORT — SLUM CLEARANCE

TO DECEMBER 31st, 1972.

Name of Area	Date of Representation	Number of Premises Represented		Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Canning Street No. 1	Aug. 63	1st year	4	Oct. 64	..	Sept. 67
Canning Street No. 2	Aug. 63		182		..	Sept. 67
Canning Street No. 3	Aug. 63		2		..	Sept. 67
Eccles Street	Oct. 63		181	Jan. 65	..	Sept. 67
Tontine Street No. 1	Nov. 63		57		..	Sept. 66
Tontine Street No. 2	Nov. 63		4		..	March 67
Tontine Street No. 1	Nov. 63		4		..	March 67
Richmond Hill No. 2	Nov. 63		5		..	March 67
Richmond Hill No. 3	Nov. 63		3		..	March 67
Bank Top No. 1	Feb. 64	2nd year	92	Feb. 65	..	Nov. 66
Bank Top No. 2	Feb. 64		31		..	Jan. 67
Bank Top No. 3	Feb. 64		2		..	May 66
Primrose Hill	April 64		20	May 65	..	July 66
Kemp Street No. 1	April 64		88	July 65	..	May 68
Kemp Street No. 2	April 64		8	July 65	..	March 67
Paradise Lane No. 1	Dec. 64		17		..	Oct. 68
Paradise Lane No. 2	Dec. 64		3		..	Dec. 98
Paradise Lane No. 3	Dec. 64		2	Dec. 66	..	Dec. 68
Paradise Lane No. 4	Dec. 64		3		..	Dec. 68
Paradise Lane No. 5	Dec. 64		15		..	Jan. 69
Paradise Lane No. 6	Dec. 64		3		..	Jan. 69
Paradise Lane No. 7	Dec. 64		5		..	July 68
Birley Street No. 1	Dec. 64		68		..	May 68
Birley Street No. 2	Dec. 64		5		..	Nov. 67
Birley Street No. 3	Dec. 64		3		..	Nov. 67
Birley Street No. 4	Dec. 64		8		..	Nov. 67
Birley Street No. 5	Dec. 64		5	July 66	..	Nov. 67
Birley Street No. 6	Dec. 64		72		..	Nov. 67
Birley Street No. 7	Dec. 64		15		..	Nov. 67
Birley Street No. 8	Dec. 64		59		..	Oct. 67

Name of Area	Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Accrington Road No. 1 No. 2	Dec. 64 Dec. 64	22 2	Feb. 66 ..	.. ..	Feb. 68 Feb. 68
Barnes Street No. 1 No. 2 No. 3 No. 4 No. 5	Dec. 64 Dec. 64 Dec. 64 Dec. 64 Dec. 64	4 5 4 8 40	 July 66 .. ..	.. .. .. .. ..	Aug. 67 Aug. 67 Feb. 68 Mar. 68 Mar. 68
Ashworth Street No. 1 No. 2 No. 3 No. 4 No. 5 No. 6 No. 7	Dec. 65 Dec. 65 Dec. 65 Dec. 65 Dec. 65 Dec. 65 Dec. 65	6 4 12 5 14 307 2	 July 67 .. .. ..	.. .. .. .. .. .. ..	July 68 June 68 June 67 Mar. 68 Oct. 68 July 69 June 69
Whalley New Road Forrest Street Harrison Street Vauxhall Street Vauxhall Street Islington Islington	June 66 Nov. 66 Nov. 66 Nov. 66 Nov. 66 Dec. 66 Dec. 66	101 51 73 8 2 25 2	Oct. 67 Oct. 67	 1	Oct. 70 Oct. 69 Feb. 70 Aug. 71 April 68 Oct. 71 ..
Goit Street Stanley Street	Purchased Informally Purchased Informally	29 17	.. .. .. ..	.. .. .. ..	Oct. 67 Jan. 66
Wensley Street No. 1 No. 2 No. 3 No. 4 No. 5 No. 6	Feb. 67 Feb. 67 Feb. 67 Feb. 67 Feb. 67 Feb. 67	11 6 3 13 3 5	 May 68	1	.. 71 Jan. 69 June 69 June 69 June 69
Denville Street Denville Street	Aug. 67 Aug. 67	139 3	.. ..	5 ..	.. ..
Grimshaw Park No. 4	Aug. 67	112	Dec. 68	..	Nov. 70

Name of Area	Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Swan Street	Dec. 67	34	May 69	..	Nov. 70
Park Lee Road	Dec. 67	7	Mar. 69	..	Jan. 70
Abbott Street	Dec. 67	11	Jan. 69	..	Nov. 70
Court Fold	Dec. 67	23	July 69	..	Feb. 70
Witton Stocks	Dec. 67	4	July 69	..	..
Harwood Street	Dec. 67	23	July 69	..	..
Park Place	Dec. 67	3	Mar. 69	..	Dec. 71
Iron Street	Dec. 67	5	Mar. 69	1	..
Iron Street	Dec. 67	3	Mar. 69	..	May 71
Clayton Street	Dec. 67	5	Mar. 69	2	..
Back Ivy Street	Dec. 67	3	Mar. 69	..	May 69
Redlam	Dec. 67	10	July 69	4	..
Everton	Dec. 67	9	Mar. 69	1	..
Crossfield Street	Dec. 67	4	Mar. 69	..	May 71
Crossfield Street	Dec. 67	7	Mar. 69	..	May 71
Crossfield Street	Dec. 67	2	Mar. 69	..	May 71
Primrose Terrace	Dec. 68	17	Aug. 69	..	Feb. 70
Anvil Street	Dec. 68	13	..	..	..
Anvil Street	Dec. 68	14	..	..	..
Anvil Street	Dec. 68	215	..	4	..
Anvil Street	Dec. 68	18	..	3	..
Anvil Street	Dec. 68	2	..	..	..
Anvil Street	Dec. 68	11	..	3	..
Anvil Street	Dec. 68	4	..	..	..
Anvil Street	Dec. 68	3	..	..	..
Thompson Street	Dec. 68	10	..	1	..
Thompson Street	Dec. 68	103	..	40	..
Thompson Street	Dec. 68	2	..	..	..
Thompson Street	Dec. 68	60	..	3	..
Thompson Street	Dec. 68	2	..	..	June 71
Thompson Street	Dec. 68	4	..	2	..
Lower Audley	Dec. 68	6	..	3	..
Lower Audley	Dec. 68	2	..	1	..
Lower Audley	Dec. 68	3	..	..	..
Lower Audley	Dec. 68	3	..	..	..
Lower Audley	Dec. 68	103	..	..	..
Fort Street	Dec. 69	9	..	..	..
Fort Street	Dec. 69	96	..	1	..
Galligraeve St.	Dec. 70	217	..	61	..
	Dec. 70	180	..	41	..
	Dec. 70	67	..	6	..

Name of Area	Date of Representation	Number of Persons Represented	Date of C'nfirmation of order	Number of houses still occupied	Date site cleared
Arthur Street	Purchased Informally	21		..	
Scotland Road No. 1	Nov. 1971	4		4	
No. 2	Nov. 1971	155		76	
No. 3	Nov. 1971	8		3	
No. 4	Nov. 1971	4		3	
No. 5	Nov. 1971	28		12	
No. 6	Nov. 1971	11		2	
No. 7	Nov. 1971	81		23	
No. 8	Nov. 1971	40		12	
Scotland Road (Phase II)					
No. 1	Oct. 1972	6		1	
No. 2	Oct. 1972	280		184	

TOTAL OF UNFIT HOUSES DEALT WITH 1956-72

1956 - 62

Number of houses represented in Clearance Areas	..	..	1423
Individual unfit houses represented during 7 years	..	..	130
Houses acquired for demolition by negotiation	..	..	237
			1790

1963 - 72

Number of houses represented in Clearance Areas	..	..	3913
Individual unfit houses represented during 9 years	..	..	89
Houses acquired for demolition by negotiation	..	..	885
Number of houses closed by informal agreement	..	..	71
			4958

GRAND TOTAL UNFIT HOUSES DEALT WITH 1956-1972 — 6748

NOISE ABATEMENT.

During the year thirty-four complaints of noise nuisance were investigated. Of these eight were in relation to noise from industry, nine from commercial activities and seventeen from domestic premises.

Of the latter seven related to barking dogs, six to noisy neighbours, one to children playing and three of an indefinite nature. Complaints of this kind are most difficult to deal with owing to the necessity to avoid friction between neighbours.

In some cases industrial and commercial concerns are quite co-operative in trying to solve noise problems.

There have been no cases where legal action has been necessary.

Of the thirty-four complaints received twelve proved to be cases where nuisance could not be established, but the following are details of noise complaints which appear to be justified:

- (1) **Commercial:** Noise from dough mixing machine. Absorbent pads placed under machine.
- (2) **Domestic:** Indefinite whining noise. Found to originate from disused television aerial.
- (3) **Industrial:** Noise from compressor. Compressor re-sited.
- (4) **Industrial:** Factory noise at night. Remedied by keeping factory doors and windows closed.
- (5) **Commercial:** Noise from outlet of electric dryer. Re-designed outlet cover provided.
- (6) **Domestic:** Barking dogs. Owner co-operated.
- (7) **Commercial:** Noise of building operations and pumps. Contractor co-operated and reduced noise.
- (8) **Commercial:** Noise from pneumatic drills. Mufflers fitted.
- (9) **Commercial:** Noise of vehicles in bakehouse yard. Firm altered their arrival and departure arrangements.
- (10) **Domestic:** Noisy neighbours. Offenders left the house.
- (11) **Domestic:** Barking dogs. Friction between neighbours resolved.
- (12) **Domestic:** Noisy neighbours. Offenders left the house.
- (13) **Domestic:** Noise from neighbours. Neighbours became friends again.
- (14) **Commercial:** Barking guard dogs. Number of dogs reduced.

- (15) **Domestic:** Barking dogs. Owner co-operated.
- (16) **Industrial:** Noise from compressor. Compressor re-sited.
- (17) **Industrial:** Noise from extractor blades of dust hopper. Alterations made to extractor blades.
- (18) **Domestic:** Rowdy neighbours. Appeal to behave more rationally.
- (19) **Commercial:** Noise from pneumatic drills. Mufflers fitted.
- (20) **Domestic:** Barking dogs. Owner co-operated.
- (21) **Domestic:** Noise from children at play school. Co-operation on one side. Tolerance on the other.
- (22) **Domestic:** Barking dogs. Owner co-operated.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

ANNUAL REPORT FOR THE YEAR 1972

(1st January - 31st December)

Report by Mr. N. Morris, Shops and Offices Inspector

The increase in building works and alterations to existing buildings in the Borough and the installation in these buildings of more sophisticated heating and ventilation equipment has required more time to be allocated to the checking of the plans submitted.

The vacation of existing registered premises and the non-registration of the new premises to which the business has been moved is becoming more common. Routine surveys are finding these new premises and the necessary registration is then affected. Ignorance of the law is the general excuse given by the employers for not registering.

Registration and General Inspection of Premises

Fifty-four notifications of employment of persons were received during the year and fifty-seven were taken off the register.

Nine hundred and twenty-one premises remained on the register at the end of the year.

Three hundred General Inspections were carried out.

Details are set out in appendix I.

Legal Proceedings

No legal action was required during the year.

Accidents

Twenty "Notice of Accident" were received, details being as follows:

<i>Type of Premises</i>	<i>Cause of Accident</i>	<i>Nature of injury to Employee</i>
1. Post Office-Sorting Office	Unloading letter bags	Strained groin muscle
2. Retail Shop (Ladies Gowns)	Falling down open trap door	Bruised back.
3. Retail Shop (Confectioners)	Falling on floor.	Fractured wrist.
4. Multiple Store	Lifting trays	Sprained trunk
5. Multiple Store	Falling on floor	Strained knee
6. Telephone Manager's Office	Trapped in door	Bruised hand
7. Multiple Store	Opening carton with knife.	Cut thumb
8. Public House	Trapped by barrel	Fractured thumb
9. Telephone Manager's Office Canteen	Washing crockery	Lacerated hand
10. Wholesale Shop (Butchers)	Unloading forequarters of beef	Strained shoulder
11. Multiple Store	Falling on floor	Bruised arm.
12. Catering Establishment (Dance Hall)	Moving piano	Strained leg muscles
13. Multiple Store	Lifting cheese	Strained stomach muscle
14. Retail Shop (Grocers)	Lifting potatoes	Strained stomach muscle
15. Retail Shop (Frozen Foods and refrigerators)	Cleaning wall	Lacerated forearm
16. Multiple Store	Climbing fixed stairs	Sprained ankle
17. Multiple Store	Falling on fixed stairs	Bruised shin
18. Multiple Store	Pushing truck	Sprained wrist
19. Multiple Store	Handling goods	Fractured finger
20. Catering Establishment (Dance Hall)	Falling from pipe	Bruised ribs

Health and Welfare Provisions—Contraventions

Cleanliness : (Section 4)

Out of three hundred premises inspected, cleanliness was unsatisfactory to some degree in forty three cases.

Overcrowding : (Section 5)

In one case the number of persons employed in a particular room exceeded that permitted by the act.

Temperature : (Section 6(2))

Where work does not involve severe physical effort a temperature of 16°C (60.8°F) must be maintained after the first hour. In four cases the temperature was found to be below that required.

Thermometers : (Section 6(4))

Suitable or sufficient thermometers were not provided in fifty six premises. In some cases thermometers had been provided but were broken, others were not registering correctly.

Ventilation : (Section 7)

Ventilation of some part of the premises was regarded as inadequate in eighteen cases.

Lighting : (Section 8)

In five cases the lighting of some part of the premises was considered to be not sufficient or suitable.

Sanitary Conveniences : (Section 9—Sanitary Conveniences Regs. 1964)

In sixty cases the Sanitary Conveniences were in some way unsuitable. In three cases numbers were insufficient.

Washing Facilities : (Section 10—The Washing Facilities Regs. 1964)

In twenty three cases unsuitable washing facilities were provided, whilst in five the facilities were considered insufficient.

Drinking Water : (Section 11)

In all cases the supply of drinking water was found to be adequate and wholesome.

Accommodation for Clothing : (Section 12)

In four instances only was there inadequate accommodation for outdoor clothing.

Sitting Facilities : (Section 13)

Suitable facilities are to be provided at suitable places for the persons employed to sit when the opportunity arises. In one case these facilities were not provided.

Seats for Sedentary Work : (Section 14)

Where work is, or can be done sitting, suitable seats, and where necessary, foot rests are to be provided. In all instances those provided were considered suitable.

Eating Facilities : (Section 15)

Where employees in shops eat meals there, suitable and sufficient facilities are to be provided. In all cases the facilities were found to be satisfactory.

Floors, Passages and Stairs : (Section 16)

In fifty five cases some cause for complaint was found. In many instances the handrail to the stairs was inadequate or non-existent, in others, worn treads, worn nosings to treads, defective floor coverings and badly worn floor boards accounted for a number of the unsatisfactory conditions.

Fencing of Exposed Parts of Machinery : (Section 17—The Prescribed Dangerous Machine Order, 1964)

Every dangerous part of any machinery used, as or forming part of, the equipment of premises, shall be securely fenced unless so positioned or constructed as to be safe. In six instances machinery was found to be inadequately fenced.

First Aid : (Section 24—The Offices, Shops and Railway Premises First Aid Order, 1964)

In sixty three instances provisions were inadequate due mainly to non-replacement of used materials.

Disposal of Sanitary Dressings : (The Sanitary Conveniences Regulations, 1964)

At one premises the arrangements for the disposal of sanitary dressings was not satisfactory.

Dangerous Conditions and Practices : (Section 22)

In two cases conditions existed where there was an element of danger.

Exemption from Certain Provisions : (Section 46)

No applications for exemptions were received or granted.

Abstract : (Section 50—The Information for Employees Regulations 1965)

The Regulations require an employer to display in a prominent position an Abstract of the Act, or to give each employee a specified explanatory booklet. In seventy seven instances this Regulation was not complied with.

Details and summary of contraventions found and remedied are shown in Appendix II.

General

Good liaison and co-operation has continued with H.M. Factory Inspectorate, the Borough Surveyors Department, the Fire Services Department and various architects and builders facilitating the enforcement of the Act and Regulations. The ventilation of premises still continues to be the most neglected field, possibly because of the economic fact that if ventilation is improved then heating costs rise.

APPENDIX I.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

DETAILS OF INSPECTIONS DURING 1972.

CLASS OF PREMISES	Number on Register at 1.1.72.	Number of General Inspections	Total Number of Visits	Premises where Contraventions Found	Contravention Letter Sent	Verbal Intimation Given	Premises where Contraventions Remedied	Prosecutions	Accidents Notified	Accidents Investigated	No. of Premises Registered during 1972	Premises added on Re-classification	No. taken off Register during 1972	Premises subtracted on Re-classification	No. on Register at 31.12.72	Analysis of persons employed in registered premises by workplace at 31.12.72
Offices	323	80	163	32	22	10	31	..	2	..	16	..	8	..	331	4139
Retail Shops	471	185	482	98	74	24	82	..	13	11	31	..	37	..	465	3090
Wholesale Shops/Warehouses	58	16	43	5	4	1	6	..	1	1	2	..	5	..	55	708
Catering Establishments ..	68	19	71	10	8	2	8	..	3	1	5	..	7	..	66	854
Canteens	3	..	..	..	..	..	..	..	1	..	..	..	..	..	3	21
Fuel Storage Depots ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10
TOTALS ..	924	300	759	145	108	37	127	..	20	13	54	..	57	..	921	8822

APPENDIX II **DETAILS OF CONTRAVENTIONS FOUND AND REMEDIED.**

CLASS OF PREMISES	S.4		S.5		S.6		S.7	S.8	S.9		S.10		S.11	S.12	S.13	S.14	S.15	S.16	S.17	S.24	S.22		S.50						
	Cleanliness Not Satisfactory	Overcrowding	Temperature Inadequate	Thermometer Not Provided	Ventilation Inadequate	Lighting Inadequate	San. Conv.	Wash. Fac.	Drinking Water Not Satisfactory	Accom for Cloth- ing not satisfactory	Sitting facilities not satisfactory	Seats unsuitable	Eating facilities Inadequate	Floors, Passages & Stairs not satisfy.	Fencing of Mach- ery inadequate	First Aid facilities Inadequate	Disposal of San. dressings inadequate.	Dangerous cond. and practices	Abstract not Displayed										
Outstanding 1.1.72 ..	69	6	23	104	54	Nil	146	9	84	8	Nil	3	9	7	Nil	145	25	144	4	Nil	193	Nil	S.50						
Offices ..	9	7	..	14	3	2	15	..	7	1	..	1	..	..	..	16	17	16	16	1	..	21	22						
Retail Shops ..	30	18	4	35	10	3	36	28	15	16	4	5	..	3	5	1	4	35	32	4	6	39	38	2	2	46	44		
Wholesale Shops Warehouses ..	1	3	..	2	1	2	2	3	..	1	3	..	..	..	..	2	2	2	2	2	4	..	..	3	4				
Catering Establishments	3	3	..	5	4	3	7	3	..	2	..	..	..	..	2	3	2	2	2	3	6	5	1	..	7	5			
Canteens ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Fuel Storage Depots ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
TOTALS ..	43	31	4	56	18	5	60	49	23	5	6	4	5	1	4	..	..	55	53	6	9	63	63	1	1	2	2	77	75
Outstanding 31.12.72 ..	81	7	20	101	56	Nil	157	8	79	7	Nil	2	6	7	Nil	147	22	144	4	Nil	195	Nil							

SUMMARY :	No. of contraventions outstanding, 1.1.72	1033
	No. of contraventions found during 1972	427
	No. of contraventions remedied during 1972	417

AIR POLLUTION

Report by Mr. J. Pye, *Smoke Abatement Officer*.

Clean air is a relative term, as air, unpolluted by man will contain naturally such substances as volcanic dusts, pollens, spores, bacteria, chlorides and sulphates from sea-spray, ozone and others such as to be indistinguishable from man-made pollutants.

Adding substantially to the natural 'pollution' creates the hazards and it is therefore incumbent upon enforcement authorities not only to strive towards the reduction of existing levels of pollution as we know it, by substituting 'refined' for fossil fuels in smoke control areas, by ensuring that only the best combustion and discharge — arrestment techniques are employed industrially, but equally of importance to see that industrial surveillance is maintained, to anticipate problems from new processes emitting pollutants to atmosphere and to take early preventative measures.

Indeed, the complexities of many modern industrial processes presenting pollution potentialities call for a degree of attentive oversight in excess of what at first may appear justifiable when based purely on visual evidence of industrial pollution. Effort retrospectively directed at abating industrial smoke emissions has been redirected towards the reduction or containment of invisible — and often more hazardous — gaseous pollution.

One such example of keeping the finger on the pulse of industrial emissions and anticipating a source of pollution arose as a result of an almost casual remark of a local firm's intentions to begin "stack moulding". The process involved the casting of ferrous metal using core-sand exclusively, which containing phenol formaldehyde as a thermo-setting resin, released a hazardous gas on contact with hot-metal. To relieve unpleasant workshop atmospheres it is essential to collect the fume and discharge it externally, which was done under controlled conditions so as to minimise ground level concentrations. The co-operation of the firm was of the highest order and subsequent operation of the process has given rise to no problems.

Preliminary discussions took place on two firms' proposals to set up new industries, one relating to the manufacture of external cladding for buildings using a "stone-flour" mix with thermo-setting additives; the other to a galvanising plant where the handling and treatment of fume prior to discharge to atmosphere is essential. The firms in question had not begun processing before the year's end.

Twelve complaints were received during the year of emissions from non-domestic properties. All, with one exception, were justified and remedial measures taken. The exception arose from a complaint of emissions from a firm where production had not commenced, and on being interviewed, the complainant said he was anticipating a nuisance! In the event nuisance was not created when production began.

A warning was given to one firm regarding excessive emissions of smoke from a wood-burning plant.

Legal proceedings were instituted against a firm of scrap metal dealers for a contravention of Section 1 of the Clean Air Act, 1968. The case had not been heard before the year's end.

Visits were made to firms in connection with the installation of new boilers and/or heating systems. All were approved.

Eleven applications were received and approved respecting the heights of new chimneys to serve new or adapted furnaces. One chimney was erected without approval, and a warning issued to the occupier of the building concerned.

A local store converted their heating boiler to burn oil in lieu of gas. As the chimney was originally erected before the Clean Air Act 1968 became operative its height at that time could not have been subjected to control, and a subsequent change of fuel did not bring it within the purview of the 1968 Act. This is a prime example of the weakness of "modern" clean air legislation to which I have in other years made reference, and which allows the substitution of a clean gaseous fuel by one with an increased sulphur content without the local authority being empowered to require either an increase in the associated chimney's dimensions or construction. Only the co-operation of the company in question brought about the desired effect.

A local firm requested approval to lower the height of an existing brick built chimney, as the top sections were unsafe. No objections were raised as the final height was above the minimum necessary for the boiler plant.

I investigated a complaint of an alleged nuisance from noise said to be from an oil-fired heating boiler. Noise from pressure-jet or blast burners can be transmitted up a chimney and reflected to ground level by the rain-out cowl on the chimney top. Removal of the cowl will generally effect a remedy.

Additionally, vibrations can be set up when resonant frequencies occur between the burner noise and loose or insecure portions of the fabric of buildings, for example, doors and windows. Noise-absorbing material either surrounding the source or fitted to the fabric will frequently effect a remedy when noise is transmitted through air, but when ground-transmitted noise or vibrations occur the remedy is not so easily effected.

In the case in question a nuisance was not established and though some precautionary measures were taken by the owner of the plant no action was taken by this department.

In general I am satisfied with the levels of industrial pollution, in that emissions are well contained and there are no outstanding or difficult problems to be dealt with. Looking about, there is little evident industrial pollution and no new industry need fear to come to Blackburn because of particular pollutants which may affect their processes.

I am appreciative of the continued co-operation of the District Alkali Inspectors; and of Mr. W. Williams, Chief Fire Officer and his staff.

Smoke Control Areas

Consequent upon assured supplies of all smokeless fuels, the Council during the year authorised a two-stage acceleration of the Smoke Control Programme, so as to effectively treble the 1971 rate of inclusion of domestic properties, from 1,500 to 4,500 per year. Two additional Technical Assistants were appointed.

The number 11 Smoke Control Order became operative on the 1st July, and two more — Nos. 12 and 13 — Orders were made, the former being confirmed in November. A progress report is appended.

Work of preparing Nos. 14 and 15 Orders continued during the year, and the following table sets out the numbers of visits, interviews and notifications involved during the year.

Surveys: Domestic	3509
Industrial	507
Inspections of works of adaptation	626
Miscellaneous visits, to give advice, etc.	171
Ineffectual visits, i.e. where access not gained first visit	167
Preliminary notification letters, prepared and delivered	5025
Interviews held in office	973
Visits re contraventions	50
Posting of Notices Nos. 12 and 13 Areas	165
Grants prepared and subsequently paid	1005
Reminder letters sent, No. 11 Area.	400

In addition, files relating to Nos 9 and 10 Orders were cleared, final costs prepared and submitted to the Exchequer.

The fifty contraventions noted above arose out of systematic surveillance of operative smoke control areas. Warning letters were sent in all cases, except two, where legal proceedings were instituted for contraventions of Section 11 of the Clean Air Act, 1956 (emission of Smoke) and Section 9 of the Clean Air Act, 1968 (delivery and sale of unauthorised fuel). Both cases were pending at the year's end.

An offence noted in 1971, was resolved when in February the occupier of the property was fined £4 at the Magistrates' Court for an offence relating to emission of smoke.

General

There were the usual "extra-mural" activities connected with one's job of giving talks and having discussions with various bodies and organisations. I am always pleased to do so, as it demonstrates an interest in having clean air.

Various refresher courses and Conferences were attended, as well as symposia on technical matters, ranging from district heating to advanced fuel technology. I continue to be active in the teaching field at Bolton Institute of Technology.

The conversion to natural gas involved the department to some degree, as liaison with the N.W. Gas Board was necessary when conversion dates clashed with a newly-confirmed smoke control Order.

I continue to have oversight of the plant at the Disinfecting Centre.

Measurement and Detection of Pollution

It is now 10 years since Blackburn's first Smoke Control Order became operative. The interim years have been marked by set-backs relating principally to the supplies of all forms of smokeless fuels, and progress has not been as rapid as was anticipated at the outset when the need for smoke control was so evident.

Nevertheless, achievement there has been, clearly evident when one looks over the town from various vantage points. A pall of smoke no longer obscures. But there is still a long way to go.

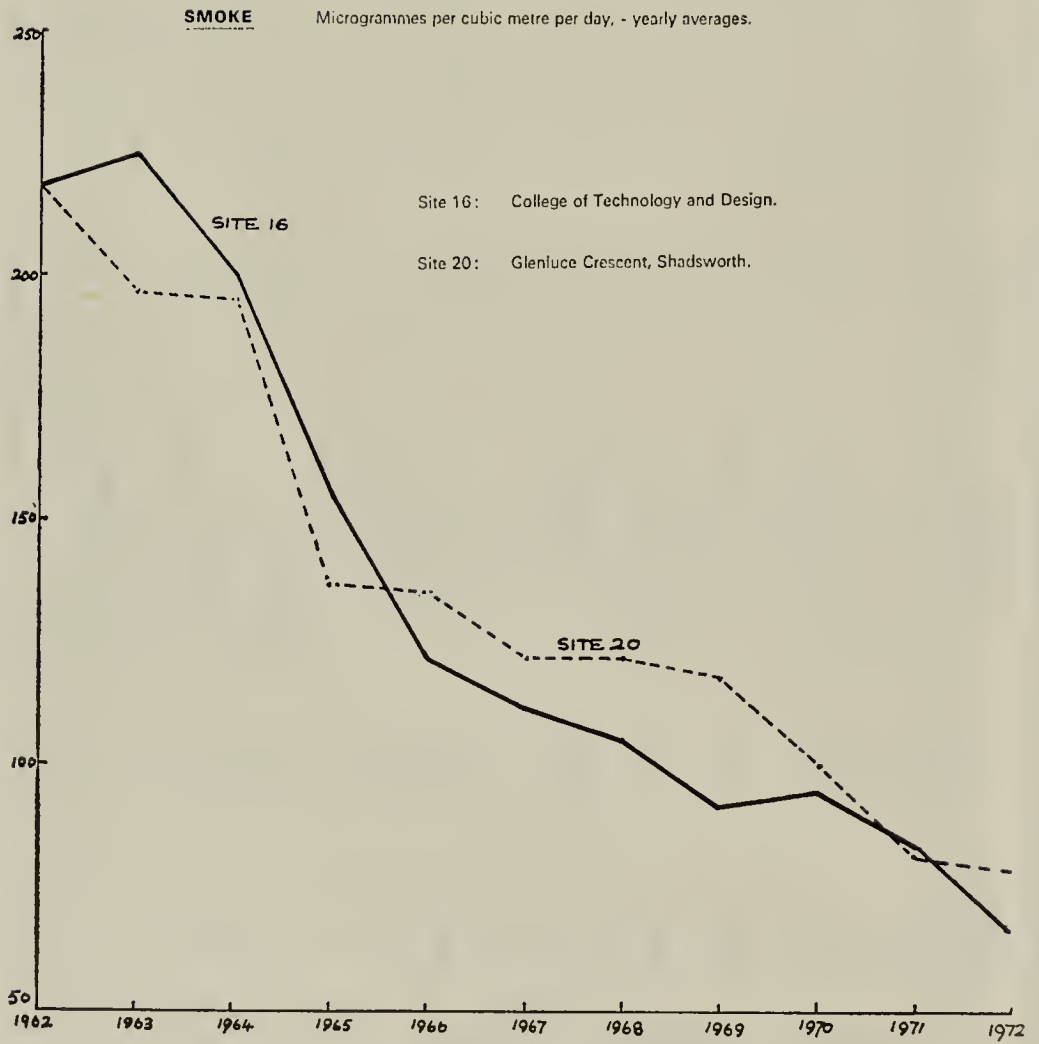
A glance at the graphs, appended to this report, relating to yearly averages of smoke and sulphur dioxide concentrations show how effective smoke control has been within those districts of the town falling within the range of the gauge at the College of Technology and Design. The gauge at Shadsworth records a steady reduction in pollution which can be attributed mainly to the voluntary changes to smokeless methods of home heating rather than the effects of smoke control which would normally at this stage of the programme, be outside the range of the gauge.

I am grateful for the continued co-operation and assistance in the field of pollution measurement given to the department by Dr. Rose, Principal, and Mr. Hargreaves of the Chemistry Department of the College of Technology and Design.

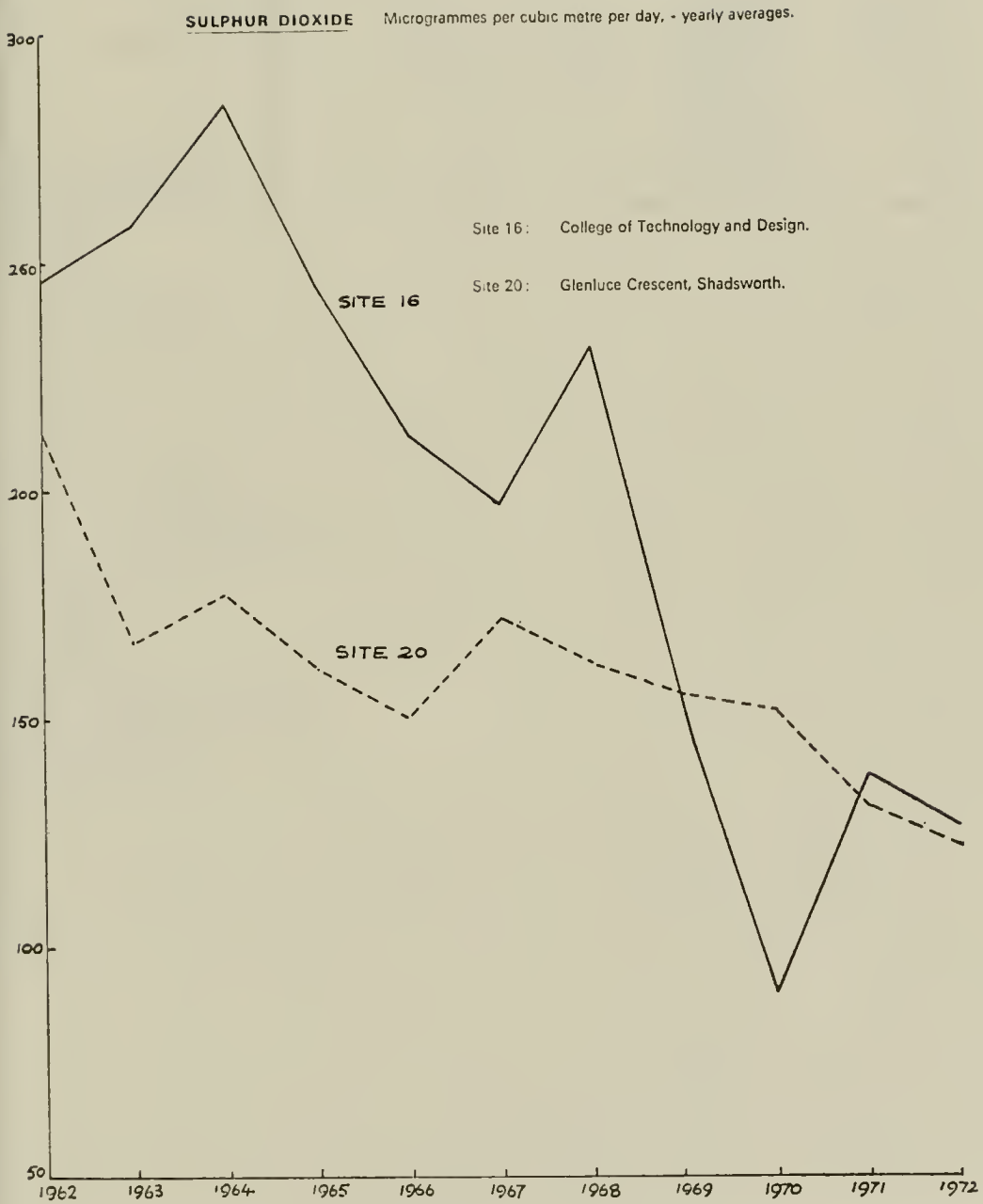
J. Pye,
Smoke Abatement Officer.

Smoke Control Order	Acres	Number of Dwellings	No. of other Properties	Date of Order	Date of Confirmation	Date of Operation
No. 1 ..	80.0	1666 Private	100	1 - 9 - 60	18 - 9 - 61	1 - 8 - 62
No. 2 ..	86.6	1343 Private	39	5 - 10 - 61	20 - 3 - 62	1 - 4 - 63
No. 3 ..	346.0	492 Corporation 473 Private	26	18 - 7 - 62	15 - 10 - 62	1 - 11 - 63
No. 4 ..	146.0	80 Corporation 1326 Private	44	8 - 5 - 63	30 - 7 - 64	1 - 7 - 65
No. 5 ..	52.2	123 Corporation 242 Private	127	22 - 4 - 64	15 - 7 - 64	1 - 11 - 65
No. 6 ..	995.0	2 Corporation 1485 Private	33	11 - 8 - 65	9 - 12 - 65	1 - 11 - 66
No. 7 ..	111.5	1527 Private	66	8 - 2 - 67	25 - 4 - 67	1 - 7 - 68
No. 8 ..	104.6	214 Private	22	14 - 8 - 67	30 - 10 - 67	1 - 11 - 68
No. 9 ..	474.0	8 Corporation 1844 Private	101	11 - 9 - 68	6 - 12 - 68	1 - 11 - 69
No. 10 ..	696.0	126 Corporation 1629 Private	31	1 - 10 - 69	23 - 6 - 70	1 - 7 - 71
No. 11 ..	281.0	1401 Private	510	21 - 5 - 71	12 - 8 - 71	1 - 7 - 72
No. 12 ..	164.2	321 Private 36 Corporation	305	7 - 6 - 72	24 - 11 - 72	1 - 7 - 73
No. 13 ..	757.0	1287 Private 451 Corporation	66	26 - 7 - 72	..	1 - 11 - 73
Total ..	4293.2	16076	1470	..	..	..

YEARLY AVERAGES



YEARLY AVERAGES



Insoluble Matter

Yearly Averages in Milligrams per Square Metre per Day.

College of Technology & Design

Year ending 31st March	Milligramms in 2/Day
1964/65	80
1965/66	90
1966/67	87
1967/68	68
1968/69	102
1969/70	99
1970/71	84
1971/72	70

INFECTIOUS DISEASES

Table 7

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR

NOTIFIABLE DISEASE	Number of Notifica- tions Received	Number of Cases in which Di- agnosis was subsequ'y corrected	Corrected number of notifica- tions	Number admitted to hospital
Acute Encephalitis	..	..	..	..
Acute Meningitis	..	..	..	..
Anthrax	..	..	..	..
Cholera	..	..	..	..
Diphtheria	..	..	..	..
Dysentery	218	..	218	18
Food Poisoning	38	..	38	12
Infective Jaundice	20	..	20	5
Leprosy	..	..	..	..
Leptospirosis	..	..	..	..
Malaria	..	..	..	..
Measles	683	..	683	2
Ophthalmia Neonatorum	3	..	3	..
Paratyphoid Fever	1	..	1	1
Plague	..	..	..	..
Poliomyelitis (Paralytic) ..	..	..	..	..
Poliomyelitis (Non Paralytic)	..	..	..	..
Relapsing Fever	..	..	..	..
Scarlet Fever	28	..	28	..
Smallpox	..	..	..	..
Tetanus	..	..	..	..
Tuberculosis (Pulmonary)	85	..	85	47
Tuberculosis (other forms)	22	..	22	7
Typhoid Fever	..	..	..	..
Typhus Fever	..	..	..	..
Whooping Cough	..	..	..	..
Yellow Fever	..	..	..	..
TOTALS	1098	..	1098	92

NUMBER OF CASES OF INFECTIOUS DISEASES NOTIFIED
FROM 1962 TO 1972

Table 8

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Acute Encephalitis	..	..	..	..	..	..	..	..	..	1	..
Acute Meningitis	..	..	..	..	..	..	..	..	..	..	..
Anthrax	..	..	..	..	..	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	..	..	..	..	..	..	..	..	..
Dysentery	246	119	201	85	117	52	40	20	19	52	218
Food Poisoning	..	..	..	..	..	..	17	62	25	52	38
Infective Jaundice	..	..	..	..	..	..	..	..	36	19	20
Leprosy	..	..	..	..	..	..	..	..	..	..	..
Leptospirosis	..	..	..	..	..	..	..	..	..	..	..
Malaria	..	..	..	..	..	..	..	..	..	..	..
Measles	1364	606	454	925	1121	260	450	702	534	535	683
Ophthalmia Neonatorum	13	14	1	2	..	1	1	..	2	4	3
Paratyphoid Fever	1	3	..	..	..	..	..	..	1	..	1
Plague	..	..	..	..	..	..	..	..	..	..	..
Polio myelitis (Paralytic)	1	..	..	31	..	..	..	..	..	..	..
Polio myelitis (Non Paralytic)	..	..	..	29	..	..	..	..	..	..	..
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	92	22	27	85	154	12	40	85	28	57	28
Smallpox	..	..	..	..	..	..	..	..	..	..	..
Tetanus	..	..	..	..	..	..	..	..	..	..	..
Tuberculosis (Pulmonary)	33	33	38	35	24	26	35	52	96	1	85
Tuberculosis (Non Pulmonary)	4	2	7	4	12	12	16	14	42	33	22
Typhoid Fever	..	1	..	..	..	1	..	..	1	1	..
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	4	62	38	4	1	32	8	7	18	9	..
Yellow Fever	..	..	..	..	..	..	..	..	..	..	..
TOTALS	1829	946	827	1241	1473	415	600	882	806	858	1098

**COMMUNITY HEALTH
SERVICE**

STATISTICAL DETAILS

MISCELLANEOUS STATISTICAL DETAILS ON THE CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

Table 9

ANTE-NATAL AND POST-NATAL CLINIC ATTENDANCES

Sessions Held		Women in Attendance		Total No. of Attendances
Medical Officers	Midwives	Ante-Natal	Post-Natal	
190	359	698	42	2960

Table 10

ANTE-NATAL MOTHERCRAFT AND RELAXATION

No. of women who attended during the year	(a) Institutional Booked								219
	(b) Domiciliary Booked								24
	(c) Total								243
No. of attendances	..	..	..	..	..	..	..	..	790

Table 11

EXAMINATIONS CARRIED OUT AT ANTE-NATAL CLINICS

	Total							
Rh. Factor—Women	..	..	..	..	..	..	..	324
—Men	..	..	..	..	..	..	..	—
Kahn Test—Women	..	..	..	..	..	..	..	63
—Men	..	..	..	..	..	..	..	—
Wasserman Test—Women	..	..	..	..	..	..	..	4
—Men	..	..	..	..	..	..	..	—
Tests for Antibodies	..	..	..	..	..	..	..	9
Haemoglobin Estimation	..	..	..	..	..	..	..	215
Fasting Blood Sugar	..	..	..	..	..	..	..	—
Pregnancy Tests	..	..	..	..	..	..	..	3
Referred to Special Clinic	..	..	..	..	..	..	..	4
" " Heart Clinic	..	..	..	..	..	..	..	—
" " Obstetrician	..	..	..	..	..	..	..	9
" " for X-Ray (Chest)	..	..	..	..	..	..	..	1
" " X-Ray (Pelvimetry)	..	..	..	..	..	..	..	1
Full Blood Counts	..	..	..	..	..	..	..	86

CERVICAL CYTOLOGY.

	WEST	EAST	TOTAL
Number of Attendances	349	360	709
Number of new patients	140	179	319
Number of 3-year Recalls	209	163	372
Number of Repeat Smears	4	18	22
Results of Tests:			
Non-Malignant	348	359*	707
Malignant	1	1	2
Monilia Present	9	4	13
Trichomonas Present	2	9	11
Inflammatory Changes	40	65	105

*Includes 1 indeterminate.

Table 13
ATTENDANCES AT CHILD HEALTH CENTRES

	WEST DIVISION						EAST DIVISION								GRAND TOTAL			
	Leamington Road	Montague	Griffin	Longshaw	Bentham Road	Lammack	TOTAL (WEST)	Little Harwood (2 sessions per week)		Cornelian Street	Hozier Street	Larkhill	Newton St.			Guide	Glouce	TOTAL (EAST)
								Mon	Thur				Mon	Thur				
INFANTS—																		
New Cases under One..	91	145	76	102	81	76	571	95	71	62	79	307	82	140	24	88	948	1519
Total Number attending during the year	100	161	247	304	219	233	1264	296	254	176	84	379	352	393	81	282	2297	3561
Attendances—Under 1..	1262	1834	935	1833	849	1233	7946	1026	1439	945	1118	920	1016	1588	294	970	9316	17262
—Over 1..	803	767	481	1027	438	655	4171	731	620	533	667	1005	665	716	163	516	5616	9787
Total Attendances of Infants	2065	2601	1416	2860	1287	1888	12117	1757	2059	1478	1785	1925	1681	2304	457	1486	14932	27049
Consultations with Dr.	554	887	199	289	881	423	3233	207	182	151	364	422	569	887	172	431	3385	6618
MOTHCRAFT—																		
Number of Cases	..	..	..	..	39	..	£9	..	..	..	..	14	..	..	10	31	55	94
Number of Attendances	..	..	..	..	129	..	129	..	..	..	..	34	..	..	40	142	216	345
Average Attendance of Infants per session ..	44	56	30	57	30	38	..	40	40	30	36	24	36	46	21	31	..	..

DENTAL SERVICE FOR EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER 5 YEARS

Part A. Attendances and Treatment

Number of Visits for Treatment during year	Children 0—4 (incl.)	Expectant & Nursing Mothers
First Visit	131	80
Subsequent Visits	85	69
Total Visits	216	149
Number of Additional Courses of Treatment other than the First Course commenced during year	3	—
Treatment provided during year—No. of Fillings	68	37
Teeth Filled	63	34
Teeth Extracted	295	125
General Anaesthetics given	43	6
Emergency Visits by Patients	108	53
Patients X-Rayed	—	—
Patients Treated by Scaling and/or Removal of Stains from the teeth (Prophylaxis)	—	11
Number of Courses of Treatment Completed	81	28

Part B. Prosthetics

Patients Supplied with F.U. or F.L. (First time)	—	3
Patients Supplied with Other Dentures	—	1
Number of Dentures Supplied	—	5

Part C. Anaesthetics

General Anaesthetics Administered by Dental Officers ..	—
---	---

Part D. Inspections

	Children 0—4 (incl.)	Expectant & Nursing Mothers
Number of Patients		
Given First Inspections during year ..	244	40
In A and D above who required Treatment	117	37
In B and C above who were offered treatment	117	37
Re-inspected during year	3	..

Part E. Sessions

Number of Dental Officer Sessions (<i>i.e.</i> Equivalent Complete Half days) devoted to Maternity and Child Welfare Patients :			
For Treatment	..	50	
For Health Education	..	—	

Table 15

HOME VISITS BY HEALTH VISITORS

	WEST DIVISION	EAST DIVISION	TOTAL
Early Discharge	183	527	710
Expectant Mothers	569	985	1554
Infants under 1 year	6005	7041	13046
Children 1—5 years	6091	10291	16382
Screening Tests	926	456	1382
Care of Aged	873	1561	2434
Care/After Care	151	184	335
Mentally Disordered.....	29	145	174
Tuberculosis	194	647	841
Other Infectious Diseases.....	65	372	437
Hostels	17	30	47
Home Accidents	267	320	587
Immigrants.....	1176	6904	8080
Physically Handicapped	391	546	937
Total	16937	30009	46946
Ineffective Visits	3776	5432	9208
GRAND TOTAL	20713	35441	56154

Visits at Special Request of G.P. or Hospital :			
(i) Aged 65 or over	268	243	511
(ii) Mentally Disordered ..	29	145	174
	WEST	EAST	TOTAL
Health Education—Talks.....	88	354	442
Mothers' Clubs	9	16	25
Discussions with other Social Workers	15	34	49
Students in Training	71	269	340

HEALTH VISITING — CASE LOADS OF SPECIAL GROUPS

Table 16

District	Children "At Risk"	Problem Families	Handicapped		Care and After Care Cases	Aged
			Under 16	Over 16		
West No. 1	14	—	7	—	29	—
2	17	1	5	—	61	—
3	8	3	1	—	29	—
4	15	1	8	—	43	—
5	21	3	3	—	64	—
6	23	3	—	—	62	—
7	30	—	4	—	66	—
8	25	5	9	—	53	—
9	20	—	4	1	41	—
9A	29	—	1	—	23	3
10	26	11	7	—	71	—
11	26	—	12	—	16	—
11A	41	2	4	—	30	—
G.P.'s A	108	8	23	—	268	1
East No. 1	15	—	5	—	100	—
2	28	—	8	—	16	—
2A	19	—	1	—	61	—
3	15	—	1	—	41	—
3A	43	—	3	4	40	—
4	48	—	20	—	130	—
4A	43	7	6	6	172	—
5	18	1	2	—	78	—
6	35	12	13	15	43	—
7	17	7	4	5	80	—
8	20	—	4	5	39	—
9	58	—	—	8	62	—
10	21	—	7	7	120	—
11	13	—	11	—	107	—
12	22	—	20	—	138	—
13	29	5	11	—	147	—
G.P.'s A	44	—	17	—	180	—
Totals West	403	37	88	1	856	4
East	488	32	133	50	1554	—
Grand Total	891	69	221	51	2410	4

Table 17**CLINIC SESSIONS ATTENDED**

	WEST DIVISION	EAST DIVISION	TOTAL
Maternity and Child Health Centres	591	797	1388
Paediatric	74	69	143
Chest	17	51	68
Geriatric	21	46	67
Special	2	14	16
Ante-Natal	54	116	170
Prophylatic	160	66	226
Ophthalmic	77	154	231
Ear, Nose and Throat	78	89	167
Audiometry	1	2	3
Inspection	4	86	90
Follow-up	84	226	310
Disinfestation Centre	372	243	615
M.A.C. and others	1044	415	1459
Totals	2374	2579	4953

Notification of Births

The following Table shows the number of notified births in the County Borough during 1972.

Of the 2,251 babies born to Blackburn mothers, 2,008 were Hospital deliveries.

	Live Births	Still Births	Total
Blackburn	1791	18	1809
Transferred to other areas	1019	26	1045
Total	2810	44	2854

DOMICILIARY MIDWIFERY 1972

	Doctor not booked	Doctor booked	Cases delivered in hospital but discharged before 10th day
No. of Confinements attended ..	..	131	1827

Doctor present at delivery	..	..	4
Trilene Administered	..	..	88
Pethedine given	..	..	83
Night Calls	..	..	81

Table 18.
MIDWIFERY STATISTICS 1962 — 1972

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Live Births	1791	1750	1798	1777	1805	1861	1848	1842	1935	1888	1813
Stillbirths	45	36	40	29	29	25	30	36	31	39	18
Birth Rate	16.93	16.66	17.35	17.24	17.73	18.44	18.4	18.4	19.3	20.00	20.2
Midwives—											
No. of confinements attended	567	516	495	440	394	348	245	184	160	168	131
(a) Doctor present	32	46	34	..	..	10	8	8	4	3	4
Our Lady of Compassion	184	164	191	135	125	110	168	135	143	111	114
Hospital Discharges before 10th day ..	423	287	526	544	786	1078	1274	1297	1549	1514	2120
No. of Visits to Early Discharges	2460	2035	3038	3044	4769	5843	6895	7304	8627	7954	7134

Home Nursing

The following table indicates the work carried out by the District Nursing Service in 1972 :

Table 19

Cases outstanding on 1st January, 1972	..	..	..	..	839
New Cases	..	..	..	..	2603
Number of Visits	..	..	..	..	84,379
Cases outstanding on 31st December, 1972	..	..	..	..	873

Type of Case	Number of	
	Cases	Visits
Medical.. .. .	1550	45217
Surgical	953	9601
Infectious Disease	9	72
Tuberculosis	103	4468
Maternal Complications	77	712
Gynaecological.. .. .	74	411
Injections	1181	25207
Totals ..	3947	85688
Patients included in the above who were over 65 at the time of the first visit ..	1727	54872
Children included in the above who were under 5 years of age at the time of the first visit	113	847
Patients who have had more than 24 visits during the year	222	29453
Patients included in the above who have had an enema prior to X-Ray	4	4
Patients included in the above who have had injections only	1455	30555

The number of visits carried out has varied over the past few years as follows :

1966	Total visits	73,619
1967	„ „	70,808
1968	„ „	73,215
1969	„ „	76,193
1970	„ „	80,281
1971	„ „	85,016
1972	„ „	85,688

Vaccination and Immunisation

The 1972 statistics of prophylaxis are in the tables below.

Table 20

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis

Number of Primary Courses completed and Reinforcement Doses given during the Year 1972

	YEAR OF BIRTH							
	1972	1971	1970	1969	1965/68	Others Under 16 years	Total	
DIPHTHERIA								
Primary Course	5	698	588	92	97	42	1522	
Booster ..	..	2	1	2	1283	298	1586	
WHOOPING COUGH								
Primary Course	5	682	587	83	38	1	1396	
Booster	..	2	1	1	15	..	19	
TETANUS								
Primary Course	5	698	588	92	96	348	1827	
Booster	..	2	1	2	1168	342	1515	
POLIOMYELITIS								
Primary Course	} Oral	2	667	576	84	93	152	1574
Booster		..	2	..	2	1272	641	1917

Table 21

Type of Vaccine	Given by	No. of Doses	
		Primary	Booster
Quadruple (Diphtheria, Tetanus, Whooping Cough, Poliomyelitis)	G.P.s only	..	..
Triple (Diphtheria, Whooping Cough, Tetanus)	L.A. Drs. and G.P.s	1376	19
Diphtheria/Tetanus	L.A. Drs. and G.P.s	155	1372
Tetanus	L.A. Drs. and G.P.s	282	133

Table 22

Yellow Fever

Year	Persons Vaccinated	
1962		216
1963		313
1964		401
1965		404
1966		349
1967		289
1968		424
1969		549
1970		650
1971		668
1972		649

Table 23

Primary Smallpox from 1963 to 1972

Age Group	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Under 1 yr	28	55	33	45	13	8	8	1	4	1
1 year	97	386	262	299	657	1043	873	683	361	278
2 years	16	31	48	272	108	188	155	106	221	238
3 years	5	8	11	75	83	96	87	25		
4 years	3	4	6	29	65	41	55	14		
5—14 years	28	27	23	67	34	99	59	15	48	29
15 and over	78	111	101	396	119	63	69	..	..	..
TOTALS	255	622	484	1183	1079	1538	1306	844	634	546

SMALLPOX : RE-VACCINATION

Children under 16 years	..	..	27
Others	..	..	9

Table 24

Tuberculosis

Number of Contact Examinations ..	..	..	..	..	..	708
Number of Heaf's Multiple Puncture Tests of Contacts				..	..	708
Number negative and given B.C.G. ..	..	..	..	..	..	324
Number positive	..	..	..	..	..	306
Mass Vaccination of School Children :						
Number of Invitations sent	..	..	..	..	..	1566
Number Accepted	..	..	..	..	..	1537
Number Heaf Tested	..	..	..	..	..	1379
Number Positive	..	..	..	..	..	261
Number Negative and Vaccinated	..	..	..	..	..	954

Table 25**Measles**

This immunisation scheme was introduced during 1970. Local General Practitioners gave the following protective doses:

<i>Year of Birth</i>	<i>East</i>	<i>West</i>	<i>Total</i>
1961	—	—	—
1962	1	—	1
1963	—	—	—
1964	—	—	—
1965	2	—	2
1966	1	3	4
1967	—	—	—
1968	3	—	3
1969	5	2	7
1970	5	7	12
1971	1	5	6

Tetanus

With the co-operation of the staff of the Accident and Medical Records Departments of the Royal Infirmary, Blackburn, adult residents who attend as casualties are invited to complete anti-tetanus injections at Montague and Larkhill Health Centres. Six hundred and twenty six Patients completed such courses during the year.

Children referred following an accident are automatically included in the school or pre-school programmes.

MASS RADIOGRAPHY

Report on the Annual Mass Radiography Survey held in Blackburn in 1972.

<i>Type of Examinee</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
*Industrial Contacts and			
Special Surveys	2870	1467	4337
General Practitioner Referrals	1202	841	2043
New Immigrants	161	143	304
Contacts	26	27	53
Medical Officer of Health/ Divisional Medical Officer			
Referrals	365	759	1124
General Public	716	823	1539
	5340	4060	9400

Of the 9,400 cases X-Rayed there were 36 cases requiring further investigation, and treatment.

*Brockhall Hospital and Langho Centre included in this.

The following Table shows comparisons for the years 1970, 1971 and 1972.

	Number X-Rayed			Number of Cases			Rate per 1000		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
General Practitioner and Medical Officer of Health Referral Sessions	1522	3186	3507	15(11)	45(42)	26(22)	9.86	14.12	7.41
Industry and General Public Sessions (including special contact surveys)	5110	10,491	4242	9(5)	12(11)	8(8)	1.76	1.14	1.89
Total	6632	13,677	7749	24	57	34	3.62	4.16	4.39

COLOSTOMY

I am indebted to Mrs. J. E. Watson for the following report:

A Colostomy Advisory Service, staffed by members of the Colostomy Welfare Group was started at Larkhill Health Centre on 1st September, 1971.

Sessions are held each Tuesday and Friday from 10 a.m. to 12 noon; it is increasingly obvious that there is a great need for this service.

During 1972 there was a steady increase of patients seeking advice about various problems that had arisen since their colostomy operations.

There have been enquiries from Medical Social Workers, nurses and doctors in other towns who have referred patients to this service.

An interview on Radio Blackburn brought quite a response and since I was asked to speak to Burnley Pharmaceutical Society, chemists have advised patients to contact Larkhill.

By the end of 1972 there were 180 patients on the books. Ideally patients should be seen before and after the operation and then at home following discharge.

I should like to take this opportunity, both personally and on behalf of the Colostomy Welfare Group Council, of thanking the Medical Officer of Health and the Blackburn Local Authority for the wonderful help they have given this service.

	Patients advised by letter	Patients visited at home	Patients contacted at Health centre	Patients visited in hospital	HOSPITAL
Accrington		5		1	Accrington Victoria
Ashton-in-Makerfield	1				{ B.R.I. 41 Q.P.H. 5 Park Lee 8
Blackburn	2	72	11	54	
Blackpool	2				
Bolton	7	5			
Burnley	3	4	1		
Charburn		5	1		
Cleveleys	2				
Clitheroe	1				
Darwen		5	2		
Derby	1				
Doncaster	1				
Gt. Harwood	1	1			
Hollinwood	1				
Liverpool	7	2	2		
Lytham			1		
Macclesfield	1				
Manchester	7	1	2		
Middleton		1			
Oldham	3	6			
Oswaldtwistle	2	5	2		
Preston	2				
Radcliffe	1				
Rishton		1			
Rochdale	3	11	3		
Royton	2	4			
Sale	2		1		
Southport	3	1			
Stockport	1				
Wallasey	1		1		
Warrington	3				
Warton	1	1			
Whiston				5	Wigan Infirmary
Wigan	6	19	11	9	
Worston		2	1		

BRI Blackburn Royal Infirmary

QPH Queen's Park Hospital

AMBULANCE SERVICE

Table 26

Ambulance Running during the year ended 31st March, 1972 :

1. Number of operational vehicles at 31st March, 1972 :								
(a) Ambulances 2/4 stretchers	..	..	..	..	..	..	..	8
(b) Dual-purpose vehicles, 1 stretcher	..	..	..	..	..	..	..	6
(c) Sitting-Case vehicles	..	..	..	..	..	..	..	2
								16
2. Total Mileage :								
(a) Ambulances 2/4 stretchers	..	..	..	..	..	..	..	116,319
(b) Other vehicles	..	..	..	..	..	..	..	113,227
								229,546
3. Number of Persons carried :								
(a) Accident or Emergency :								
Stretcher cases	..	..	..	..	..	..	..	2,442
Sitting cases	..	..	..	..	..	..	..	2,461
(b) Others :								
Stretcher cases	..	..	..	..	..	..	..	5,805
Sitting cases	..	..	..	..	..	..	..	57,475
(c) Others : Non-Section 27 cases	..	..	..	..	..	..	..	1,848
4. Patients carried by Rail :								
(a) Number of Persons	..	..	..	..	..	..	..	330
(b) Mileage	..	..	..	..	..	..	..	11,589
5. Number of operational staff	..	..	..	..	..	..	..	35
6. Number of Ambulance Stations	..	..	..	..	..	..	..	1
7. Population of Service Area	..	..	..	..	..	..	..	113,940
8. Service Area (square miles)	..	..	..	..	..	..	..	34.5

TYPES OF CASES CARRIED.

Ambulance Service

Accidents : Works	..	..	..	..	..	..	..	..	178
Play	..	..	..	..	..	..	..	..	410
Home	..	..	..	..	..	..	..	..	595
Street	..	..	..	..	..	..	..	..	966
Mental Cases	..	..	..	..	..	..	..	..	4
Maternity	..	..	..	..	..	..	..	..	1,177
Collapse..	..	..	..	..	..	..	..	..	1,573
Hospital to Hospital	..	..	..	..	..	..	..	..	3,233
Treatment	..	..	..	..	..	..	..	..	33,437
Convalescent	..	..	..	..	..	..	..	..	4,319
Hospital Admissions	..	..	..	..	..	..	..	..	3,781
Convalescent Homes	..	..	..	..	..	..	..	..	79
Infectious Diseases	..	..	..	..	..	..	..	..	313
Day Treatment..	..	..	..	..	..	..	..	..	17,815

Other Services

Social Services	..	..	..	..	..	..	..	..	1,503
School Health Service..	..	..	..	..	..	..	..	..	295
Clinics and Centres	..	..	..	..	..	..	..	..	50

Not required or False Calls 4,509

Physical Medicine Section 1972

An Assessment Clinic was held once per week by Dr. P. A. Gardner, the Deputy Medical Officer of Health, with an average of three persons attending, and recommendations were sent to the patient's General Practitioner and to the Local Authority Social Services Department in respect of the suitability of the patient to attend for occupational therapy, or for admission to a part of the Social Services' Sheltered Workshop.

Three sessions per week were reserved for remedial treatment for a varying number of patients. Some patients who attended the Social Services' Workshops also received treatment to ensure maintenance of progress.

Domiciliary visits were mostly requests made by Social Workers for aids and adaptations for physically handicapped people. Other referrals were taken from the medical staff of the Department. Far more visits were made than in 1971 because of the expanding handicapped persons' register compiled by Social Services Department, and as a result the number of recommendations for aids to daily living were also higher than previously.

Visits by the Occupational Therapist

Workshop Sessions	281
Other Visits	228
Domiciliary	1501
Blackamoor Special School	60

No record was kept of the aids provided, or adaptations carried out, because the responsibility for this function has now passed to the Social Services Department from whom it is regretted there is no feed-back concerning recommendations made.

At least one session per week was devoted to clerical work and because this is a waste of a professional's time there is an urgent need for part-time clerical assistance.

Fewer cases were investigated following requests for medical priority in respect of re-housing, but more applicants for concessionary 'bus passes were investigated.

The Social Services Department became responsible for the aged persons' Hostels but due to a shortage of staff, no visits were made. It was also impossible to organise swimming classes and the hoped for expansion of the work of the Section did not materialise. In the event of the staffing situation becoming resolved it is felt that more occupational therapy sessions could be held at Mill Hill Workshop. Owing to the large size of the room and the specially fitted kitchen section, it is essential to maintain the occupational therapy unit there unless a purpose-built unit is envisaged. Because many patients are discharged and then attend the Social Services' Workshops it is easy to maintain contact with those who need occasional therapy to maintain independence.

Unfortunately, the number of referrals to the Assessment Clinic by hospital staff and General Practitioners is very small, which is a pity, as there are no similar facilities for physically handicapped in the present arrangements.

Loan of Equipment. Invalid aids are available on loan or supply from the Health Centres often on the advice of District Nurses or Health Visitors or requests from General Practitioners.

Annual issues in 1972 were:-

Bedpans	134	Urinals	99
Bed Cages	45	Mackintosh Sheets	171
Air Cushions ..	83	Back Rests	102
Air Beds	1	Crutches (pairs)..	20
Commodes	45	Walking Sticks ..	16
Bed Pulley	2	Feeding Cups....	7
Bed Blocks	1	Incontinent Pads	70,775
Wheelchairs	59		
Bed Table....	3		

In many cases the loans are virtually permanent and this is a very valuable supportive service to community medical needs.

Registration of Homes

NURSING HOMES

Three Homes are registered under the Nursing Homes Act, 1963 :

	Beds Provided	
	Maternity	Other
" Our Lady of Compassion," Beardwood ..	9	26
" Rockmount," Adelaide Terrace ..	—	15
"Bamford House" Preston New Road ..	—	16

MISCELLANEOUS STATISTICS

Superannuation Examinations

Number of questionnaires	448
Number of Superannuation Examinations	90
Number of Training College Candidates and	108
Temporary Teacher Examinations	1

Cremations

The Medical Officer of Health and Deputy Medical Officer of Health are the medical referees for the authorising of cremations under the Cremation Acts.

During 1972, 1443 cremations were authorised: 893 Borough, 550 out of Borough.

Chiropody

PART 1 Number of persons treated during year ending 31st December 1972.

		By Local Authorities (1)	By Private Chiropodists (2)	Total (3)
1	Persons aged 65 and over	837	4117*	4954
2	Expectant Mothers	18	—	18
3	Others	15	—	15
4	Handicapped Persons	192	—	192
5	School Children	1380	—	1380
6	Pre-School Children	27	—	27
	TOTAL	2469	4117	6586

PART 2 Number of treatments given during year ending 31st December 1972.

		By Local Authorities (1)	By Private Chiropodists (2)	Total (3)
1	In clinics	6277	—	6277
2	In patients' homes	613	5740	6353
3	In old people's homes	3865	120*	3985
4	In chiropodists' surgeries	—	12374	12374
	TOTAL	10755	18234	28989

* Includes 40 Patients
given 120 Treatments
by a Private Chiropodist
working on a sessional basis.

REPORT ON SCHOOL HEALTH SERVICE

EDUCATION COMMITTEE

1972-73

THE MAYOR (*Ex-Officio*)

Alderman	SIR GEORGE EDDIE, O.B.E., J.P.
„	L. EDWARDS, F. INST., L.Ex. (<i>Vice-Chairman</i>)
„	W. A. HENSHALL, M.C.
„	Mrs. M. A. McNAMEE
Councillor	Mrs. M. BRAMWELL
„	R. N. S. EDWARDS
„	P. FIELDING
„	E. W. GORTON
„	G. BRAMLEY HAWORTH
„	F. HIGHAM
„	F. HULME
„	Miss F. G. LEWIS
„	M. RIGBY
„	Mrs. C. ROBERTS
„	T. TAYLOR, O.B.E., J.P. (<i>Chairman</i>)
„	C. WEST
„	H. E. WHITE
„	R. WILLIAMS
The Rev. Canon	L. E. H. SWAN
The Rev.	J. HENNESSY
The Rev.	J. E. WATSON
	J. BOLTON, Esq.
	A. L. ECCLES, Esq.
	H. GREEN, Esq.

SCHOOL CLINICS

School Clinics :

School Clinics are distributed as follows :

LARKHILL MAJOR HEALTH CENTRE :

and

MONTAGUE MAJOR HEALTH CENTRE : Inspection and Follow-up Clinics, Ophthalmic, Dental, Physiotherapy, Immunisation and Vaccination, Ear, Nose and Throat, Audiology, Orthoptic, Speech, Chiropody, Child Guidance and Minor Treatments.

Except for Minor Treatments, attendances are by appointment.

LITTLE HARWOOD HEALTH CENTRE }
BENTHAM ROAD HEALTH CENTRE } Minor Treatments.

GLENLUCE FAMILY WELFARE CENTRE : Minor Treatments.

The treatment of Scabies and Cleansing of Verminous Cases continues to be given at the Bathing Unit attached to the Disinfecting Station.

COST OF SCHOOL HEALTH SERVICE

I am indebted to the Borough Treasurer, Mr. C. F. Singleton, for the following particulars relating to the cost of the School Health Service during 1971-1972.

EXPENDITURE

	£	p.	£	p.
Salaries and Fees — proportion transferred from Health Committee	76966	36		
Staff Training	445	37		
Travelling Expenses and Subsistence Allowances	1103	98		
Drugs, Medical Requisites and Apparatus ..	4091	29		
Laundry	223	95		
Printing, Stationery, Postages and Telephones, etc.	1882	78		
Uniforms	407	72		
Upkeep of Buildings	14813	08		
Medical Inspections—Intending Teachers	540	20		
Sundries	0	95		
Loan Charges	574	00		
Total Expenditure			101049	68

INCOME

Recovered from—

Blackburn Executive Council, N.H.S. (Sight testing)	646	80		
Regional Hospital Board—				
Orthoptic Clinics	309	31		
Lancashire County Council—				
Orthoptic Clinics	765	90		
Services to Health Department ..	847	60		
Services to Regional Hospital Board	504	07		
Sundries	12	58		
Total Income			3086	26
EXPENDITURE LESS INCOME			97963	42

The rateable value of the Borough on 31st March, 1972, was £3,749,062
 The cost of medical inspection and treatment in schools for the twelve months ended 31st March, 1972, was £97,963, compared with £89,763 in the previous year.

This was equivalent to £5.31p. per child on the school rolls, and expressed as a penny rate was 2.86p.

SCHOOL POPULATION

Particulars of children on the rolls at maintained schools are as follows:

<i>Number of Schools</i>	<i>Numbers on Roll September 1972</i>	
5 Nursery Schools	393 (all part-time)	
50 Primary Schools	11376 full-time	249 part-time
8 Secondary Schools	7210	
4 Special Schools	364	
Number of Nursery Classes	5	
Average Number in Class	50 (on half-time basis — 25 per session)	

SECTION ONE

MEDICAL INSPECTIONS

The arrangements for medical inspection are as outlined in my Report for 1969.

The following tables show the results of Periodic Examinations carried out during the year.

Table 1. Periodic Medical Inspections

Age Groups inspected (By year Birth)	Number of pupils who have received a full medical examination	PHYSICAL CONDITION OF PUPILS INSPECTED		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory		for defective vision (excluding squint)	for any other condition recorded at Part II	Total individual pupils
1968 & later	354	345	9	..	4	26	29
1967	1000	991	9	..	9	35	44
1966	957	949	8	..	9	32	38
1965	106	102	4	..	1	3	4
1964	47	41	6	..	0	1	1
1963	41	36	5	..	1	2	3
1962	967	960	7	21	4	38	42
1961	504	495	9	11	14	22	36
1960	64	58	6	..	1	2	3
1959	54	43	11	..	..	3	3
1958	28	23	5	..	..	1	1
1957 & earlier	544	538	6	..	4	22	26
TOTAL	4666	4581	85	32	47	187	230

Table 2. Other Inspections

Notes: A special inspection is one that is carried out at the special request of a parent, doctor, nurse or other person.

A re-inspection is an inspection arising out of one of the periodic medical inspections or out of a special inspection.

Number of special inspections	..	..	100
Number of Re-inspections	..	..	728

828

Home Visits

The School Nurses carried out 2,248 home visits in 1972. Where school children were enquired after whilst on a regular visit to younger children in a family, these visits are not included below.

Reason for Visits

				No. of Visits		Total
				West	East	
Post Medical Inspection	..			592	.. 714	.. 1306
Other	..	..	..	509	.. 433	.. 942
				1101	.. 1147	.. 2248

Schools Visits (excluding Hygiene)

Annual Survey	..	..	51	..	6	.. 57
Vision Tests	..	..	2929	..	1413	.. 4342
Periodic Examinations	..		1799	..	1152	.. 2951
Discussions with Head Teachers			320	..	327	647
Immunisation	..	..	75	..	182	.. 257
				5174	.. 3080	.. 8254

School Hygiene Inspections

Children examined	..	..	18839	..	15332	.. 34171
Children requiring treatment			809	..	579	.. 1388
				19648	15911	35559

Clinic Sessions Attended

Ophthalmic	..	..	..	77	..	154	..	231
Ear, Nose & Throat	..	..	..	78	..	89	..	167
Audiometry	..	..	..	1	..	2	..	3
Prophylactic	..	..	..	160	..	66	..	226
Inspection	..	..	..	4	..	86	..	90
Follow-up	..	..	..	84	..	222	..	306
Disinfestation	..	..	..	372	..	243	..	615
				776	..	862	..	1638

SECTION TWO

TREATMENT

Tonsils and Adenoids.

In all One hundred and seventy two children were operated upon during the year from the operation list compiled by the Health Service. Three hundred and seventy six children remained on the waiting list at the end of the year for admission to Blackburn Royal Infirmary.

The department is notified of all children operated upon to ensure follow-up on discharge.

Visual Defects.

Mr. P. R. Stevens & Dr. D. M. Somerville, Consultant Ophthalmologists, continued to hold sessions at Montague & Larkhill Health Centres. Details of attendances are as follows:

	1971	1972
Attendances	1203	1061
Sessions held	111	706
New cases	387	383
Prescriptions for Spectacles	472	535

PHYSIOTHERAPY

HEALTH CENTRES

Diagnosis	Cases	Treatment
Asthma	13	59
Bronchitis	7	34
Knock Knee	36	66
Foot Defects	12	51
Orthopaedic Defects	18	126
Cerebral Palsy	11	251
Spina Bifida	—	—
Delayed Development	—	—
Neurological Defects	4	15
Posture	10	25
Skin Lesions	25	218
Debility	6	119
Fibrocystic Disease	—	—
Total	142	964

BLACKAMOOR SPECIAL SCHOOL

Cases	Treatment
19	98
1	10
—	—
1	2
1	41
9	147
4	189
—	—
7	153
—	—
—	—
—	—
3	142
45	782

ORTHOPTIC SECTION

During 1972 the Orthoptic Department continued to function with a staff of two full time and one part time Orthoptists.

Sixteen sessions per fortnight were continued at both Larkhill and Montague Health Centres and seven sessions per week at Blackburn Royal Infirmary.

Visual screening of school entrants by the Orthoptists was carried out on both East and West sectors.

Once again we must thank the Consultant Ophthalmologists, Mr. P. R. Stevens and Dr. D. M. Somerville for their assistance and interest in the Department.

The statistics are tabulated below:-

				<i>Borough</i>	<i>County</i>
Montague Health Centre					
Total No. of New Cases	48	..	48		
		— 96—			
Total No. of Patients Attending ..	237	..	200		
		— 437—			
Total No. of Attendances	734	..	741		
		—1475—			

Discharges

Functional	12	..	22
Cosmetic	16	..	14
Failed to Attend/Left District ..	12	..	24
Total No. of Discharges		— 100—	

Number of children seen in School

784, of whom 70 were referred.

Larkhill Health Centre

Total No. of New Cases	55	..	40
		— 95—	
Total No. of Patients Attending ..	277	..	326
		603	
Total No. of Attendances	863	1869	1006

Discharges

Functional	11	..	25
Cosmetic	11	..	24
Failed to Attend/Left District ..	7	..	20
Total No. of Discharges		98	

Number of Children seen in School

1437, of whom 150 were referred.

Blackburn Royal Infirmary

No. of Old Cases —	1923
No. of New Cases —	342
No. of attendances —	2265

Speech Therapy

As in 1969 the department has continued to function with Mrs. J. Scott, and Mrs. J. Knight.

Sessions were as follows:

Mrs. Scott

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
a.m.	Larkhill	Larkhill	Crosshill	Larkhill	B.R.I.
p.m.	Montague	Montague	Montague	Larkhill	Larkhill

Mrs. Knight

a.m.	Montague	Montague	Blackamoor	Larkhill	Larkhill
------	----------	----------	------------	----------	----------

Larkhill Health Centre:

Numbers at the end of the year are as follows:

Individual school children	130
Total attendance of school children	739
Pre-school children	57
Total attendance of pre-school children	353
Total discharges, school children and pre-school	100
Total failed to attend	424

Blackamoor School

Numbers at the end of the year are as follows:

Individual school children	20
Total attendance	167

Junior Training Centre

Treatments	10
Total Attendance	10

Montague Health Centre

Numbers at the end of the year are as follows:

Individual school children	67
Total attendance of school children	483
Pre-school children	40
Total attendance of pre-school children	156
Total failed to attend	316
Total discharged — school children and pre-school	50

Crosshill School

Individual school children seen	25
Total attendances	219
Discharged	9

PSYCHOLOGICAL SERVICE

Report for year ending 31st December, 1972

Referrals have continued to flow in at a steady rate and the arrival of a second Educational Psychologist, Mr. A. Sapsford, was therefore very much welcomed in August.

In April, Mrs. MacDonald attended a course in London for Educational Psychologists, entitled "Maladjustment" which proved both helpful and stimulating.

Several schools have taken advantage of our services, not only for individual children, but for advice on more general problems. For example, help has been given with the setting up of a remedial service in a Secondary School and advice has been given to other teachers on the kind of assessment they can do themselves. There has been continued regular visiting of Special Schools, in particular Dame Evelyn Fox Special School and Blackmoor Open Air School. In the former an attempt was made to see each child at least every two years and in the latter, we have now agreed to assess each new entrant, apart from seeing any other children who may be causing concern. It is hoped that eventually there will also be regular re-assessment of all children at Crosshill, but our time is still very limited. Liaison has also been maintained with other allied services, and also Tullyallan Day School for the Maladjusted.

Mention of Tullyallan reminds one of one of our problems, which is the extreme shortage of residential and day places for maladjusted children. Apart from the difficulty of placing any such child, one finds it useless to even try to place a child over 11 or 12 years. It would be very well worthwhile if, at some future date, the authorities might consider more local provisions. The setting up of small units close to the present comprehensive school for emotionally disturbed children might be well worth considering.

Other activities outside the more normal work have been the giving of a lecture by Mrs. MacDonald to Nursing Sisters at Blackburn Royal Infirmary on "The Psychology of Learning" during their course on "The Art of Examining", and also an interview on Radio Blackburn about the work of an Educational Psychologist. In December, a student doing the Diploma in Compensatory Education at Didsbury College of Education, spent a week with the Educational Psychologist.

Other talks have been given to P.T.A.'s and interested groups and several school children have come for advice regarding a career in Psychology.

Whilst the everyday work of mental assessment, educational guidance and seeing children with behaviour/emotional problems forms the backbone of the service, the giving of talks, lectures and more general advice is believed to be very important. The word 'Psychologist' still brings fear into the minds of many parents, so that the more familiar psychologists become to as many groups as possible, the more easily they are accepted. In this way we can move closer to our basic aim, of prevention rather than cure.

Number of cases at January 1st, 1972	257
Cases referred during 1972	298
Cases dealt with during 1972	555
Cases closed during 1972	292
Number of cases open at 31st December, 1972	263

ANALYSIS OF REASONS AND SOURCES FOR REFERRAL

Reason Source	Mental Assessment	Educational Guidance	Behaviour Emotional	Total
Head Teachers	48	99	29	176
Dept. Sch. MO's.	38	27	18	83
Others	4	3	32	39
Total	90	129	79	298

It should be noted that these are the reasons given at the time of referral. Subsequently when the children are seen, it is discovered that many of those referred for Mental Assessment or Educational Guidance have behaviour/emotional problems.

Child Guidance Clinics

In addition to consultations with children and their parents by the Psychiatrist and the Educational Psychologists, the Psychiatric Social Worker has had an average of ten interviews per month with parents who were in need of continuing contact with the clinic.

There has been good liaison with staff of other social work agencies in the area, particularly the Social Services Officers, the Educational Welfare Officer, the Juvenile Liaison Officer and the Probation Officers.

Two case conferences were held involving various staff from the above named agencies and, on one occasion, some senior teachers as well. The Psychiatrist and Psychiatric Social Worker have paid two visits to Tullyallan Day School for maladjusted children.

Many of the children referred were of secondary school age; it is felt that more adequate help could have been given if they had been referred at an earlier age. It is also noted that there is considerable resentment to the recently enforced extra year at school amongst some of our teenage clients and the lack of facilities for helping emotionally disturbed adolescents is a constant source of acute concern.

Audiometry.

During 1972, 11,909 children were tested with the following results :

Passed screening test (250-8,000 C.P.S.....	8153
Referred for further investigation	471
Failed	3285

Pupils known to have been provided with hearing aids during the year	5
Hearing Aids provided in previous years ..	35

Chiropody Including School Health Service

1972 saw the progress of 1971 improved and was in several aspects a notable year.

Staff :

Mr. Hunt and Miss Sharpe were married in September. The Council approved a free Senior Citizens' Chiropody Scheme, the screening of patients ceased in July, and the work of the private practitioners participating in the scheme was to be subject to spot checks.

Talks were given to outside organisations e.g. Over 60's Associations. School contact was improved with virtually every school being given at least one visit. The facilities for foot examinations were not always what one would desire. Sometimes this had to be done in corridors, classrooms, changing rooms and even in domestic science rooms.

Too many schools insist upon children using detrimental footwear all day, but do nothing about their staff, e.g. children to wear pumps, ostensibly to preserve wooden floors, whilst staff wear stiletto heels.

It would be a great improvement if Head Teachers prevented pupils with foot infections, e.g. verrucae, from participating in barefoot activities.

Mr. Pollard continued to be responsible for all hostels, with one exception. ie Mr. Hunt, Snr., attends West Bank Old People's Home. Mr. Hunt Jnr. is responsible for Local Authority Service based on Montague Health Centre. Mrs. Hunt divides her services between Montague and Larkhill Health Centres. Mr. Foxcroft is responsible for Local Authority Services based on Larkhill Health Centre.

TIMETABLE

	Monday	Tuesday	Wednesday	Thursday	Friday
Mr. Hunt (Jnr.)					
a.m.	Montague	Domiciliary	Montague	School	Montague
p.m.	Montague	Workshop for the Blind	Montague	Domiciliary Workshop for the Blind	
Mr. Pollard		Attends Old People's Hostels Full Time.			
Mr. Foxcroft					
a.m.	School	Larkhill	Larkhill	Larkhill	School
p.m.	or Dom.	Larkhill	Larkhill	Larkhill	or Dom.
Mrs. Hunt.					
a.m.	Larkhill	West Dom.	East School	West School	Larkhill
p.m.	Larkhill	Montague	East School	Montague	Larkhill

STATISTICS

	EAST	WEST
Number of Clinical Sessions	449	316
Number of Patients	1080	494
Number of Treatments	3872	2407
Number of Domiciliary Sessions	110	101
Number of Patients	56	42
Number of Treatments	316	297
Number of Patients Discharged	691	302
Number Failed to Attend	1504	515
Number of Lectures in School	49	—
Number of School Examination Sessions	76	21
Number of Children examined	2789	1287
Number with defect requiring treatment	690	348
Number of Hostel Sessions	421	
Number of Patients examined	823	
Number of Treatments	4122	

P. L. Foxcroft,
Senior Chiropodist

SECTION THREE

DENTAL INSPECTION AND TREATMENT

Report by the Principal Dental Officer Mr. J. Rigby

It is regretted that during 1972, owing to the illness of a full time member of the staff, and the resignation of a part time sessional officer at the end of February, the equivalent of almost six months of work was lost to the department. This, of necessity, forced a reorganisation of the facilities offered so that routine work had to be severely curtailed, and dental inspections were down by half on the preceding year. A still greater proportion of time had to be spent on emergency work, so that although the number of emergency operations carried out were similar to 1971, conservations were greatly reduced.

However a determined effort was made to keep up with the regular six monthly checks of children as much as possible, since this is seen as an essential part of a fully staffed service, and is greatly appreciated by the parents, and the resultant work is eminently more satisfying to the dentist than a high proportion of emergency treatment.

Despite this, or maybe because of it, towards the end of the year it was decided to invest in an outfit to prevent the onset of decay on the biting surface of molars. However it must be borne in mind that this fissure sealant technique can only be truly effective when there are no cavities in the teeth treated. It is useless to treat, in this manner, decayed surfaces. A start will be made in 1973 to carry out this preventative treatment but a true assessment of results cannot be made until the scheme as been in effect for a couple of years or so.

Further new equipment, and an additional wash basin has been provided in one of the surgeries in the Larkhill Health Centre. This replaces reconditioned equipment transferred from the old premises in Victoria Street.

Orthodontic treatment has not been greatly affected by the lack of staff as the Orthodontist still attends two sessions weekly.

An effort has been made to acquire additional dental staff, but at the end of 1972 no one had been appointed. As mentioned before, at least three full time officers are required to provide a reasonable service.

Let us hope that in the future more staff will become available. In the meantime, I must thank sincerely all the staff present for their willing co-operation and hard work during the current year.

J. Rigby

Principal Dental Officer

SCHOOL DENTAL SERVICE 1972

1. INSPECTIONS

	No. of pupils		
	Inspected	Requiring Treatment	Offered Treatment
(a) First inspection - school	2691	2565	2039
(b) First inspection - clinic	1201		
(c) Re-inspection - school or clinic.	333	216	—
Totals	4225	2781	2039

2. VISITS (for treatment only)

	Ages 5—9	Ages 10—14	Ages 15 & over	Total
First visit in the calendar year	1512	1282	278	3072
Subsequent visits	1065	1530	493	3088
Total visits	2577	2812	771	6160

3. COURSES OF TREATMENT

Additional courses commenced	20	39	27	86
Total courses commenced	1532	1321	305	3158
Courses completed	—	—	—	1790

4. TREATMENT

Fillings in permanent teeth	543	1407	455	2405
Fillings in deciduous teeth	604	40	—	644

Permanent teeth filled	443	1244	420	2107
Deciduous teeth filled	564	36	—	600

Permanent teeth extracted	250	709	202	1161
Deciduous teeth extracted	2415	732	—	3147

Number of general anaesthetics	398	214	29	641
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Number of emergencies	928	613	126	1682
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Number of pupils X-rayed	..	..	57
Prophylaxis	..	..	25
Teeth otherwise conserved	..	..	1
Teeth root filled	..	..	3
Inlays	..	..	Nil
Crowns	..	..	Nil

5. ORTHODONTICS

New cases commenced during the year	40
Cases completed during the year	31
Cases discontinued during the year	2
Number of removable appliances fitted	59
Number of fixed appliances fitted	3
Number of pupils referred to Hospital Consultants	Nil

6. DENTURES

Number of pupils fitted with dentures for first time:	Ages 5—9	Ages 10—14	Ages 15& over	Total
(a) with full denture	Nil	Nil	Nil	Nil
(b) with other dentures	2	14	3	19

Total	2	14	3	19
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Number of dentures supplied
(first or subsequent time)

2	14	3	19
---	----	---	----

7. ANAESTHETICS

Number of general anaesthetics administered by Dental Officers . .

Nil

8. SESSIONS

	Administrative Sessions	Number of clinical sessions worked in the year					Total sessions
		School Service			M&CW Service		
		I'sp'tn at Sc'l	T'm'm't	Dental Health Ed't'n	T'm't n	Dental Health Ed't'n	
Dental Officers (including P.D.S.O.)	31	34	785	Nil	50	Nil	900
Dental Auxiliaries	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Dental Hygienists	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	31	34	785	Nil	50	Nil	900

9. DENTAL HEALTH EDUCATION

As in former years, Dental Health Education has been carried out by Health Visitors particularly in Senior Schools.

SECTION FOUR

INFECTIOUS DISEASES

Information as to the incidence of non-notifiable infectious disease is obtained from teachers, welfare officers, public health inspectors, health visitors and parents.

The following table gives particulars of cases of infectious diseases reported in school children during 1972.

Table 3

Period	TB. Resp.	TB. Other	Measles	Food Poisoning	Dysentery	Infective Hepatitis	Scarlet Fever	German Measles	Mumps	Chicken Pox
January- April	3	-	163	-	5	-	8	2	14	15
May-August	1	-	116	3	12	5	3	-	15	1
September- December	1	2	4	1	14	4	4	-	2	1
TOTALS ..	5	2	283	4	31	9	15	2	31	17

SECTION FIVE HANDICAPPED PUPILS

Ascertainment

The arrangements for the ascertainment of pupils requiring special educational treatment are covered by regulation of the Minister of Education and Science and have been detailed in previous reports.

Special School Provision

There are three special schools provided by the Authority; a School for Delicate and Physically Handicapped Children, a Unit for Partially Sighted Pupils and Crosshill School for Educationally Subnormal Pupils.

Blackamoor Special School

I append a report of the School's activities by the Acting Head Teacher, Miss Ann Franklin.

Twenty-four children were admitted and twenty-seven discharged during 1972 one hundred and fifteen children being in attendance at the end of the year. Of the twenty-four admissions thirteen were Blackburn children and eleven were extra-district. The reasons for admissions are as follows:

Congenital Heart Disease	3
Paralysis of L. leg and R. foot	1
Asthma	3
Congenital Renal Disease	1
Still's Disease	1
Cerebral Palsy	4
Thrombocytopenia	1
General Debility	1
Muscular Dystrophy	1
Hearing Defect	1
Chest Infection	1
Delicate	1
Abdominal Hernia	1
Paresis of R. and L. legs	1
Cleft Palate and Speech Defect	1
Epilepsy	1
Gross & Minor Motor Disturbances	1

It will be seen that the trend towards an increase in the more severely handicapped is continuing.

An assessment of the categories of handicap taken at the end of each of the last six years shows as follows:

	1967	1968	1969	1970	1971	1972
Delicate	101	83	37	17	11	10
Physically Handicapped ..	24	31	75	84	95	92
Epileptic	5	7	7	6	6	5
Partially Hearing	3	5	7	4	6	2
Maladjusted	4	6	5	7	6	5
Speech Defect	—	2	3	2	2	1
Partially Sighted	2	2	1	—	2	—
	139	136	135	120	128	115

There were three thousand seven hundred and four visits to the Medical Room during the year.

Children treated by Physiotherapists were as follows:

	No. of children	No. of treatments
Cerebral palsy	5	77
Asthma	9	42
Hemiplegia	3	70
Spina Bifida	3	165
Fibrocystic Disease of the Pancreas ..	3	142
Congenital Dislocated Hip	1	42
Minimal Cerebral Disfunction	1	33
Other Neurological Disfunctions	3	34

In September, Mr. Harling was seconded on a one year course of study at Liverpool University. Mrs. Franklin was appointed Acting Head Teacher. Mrs. Maureen Bentley was appointed as teacher for Class 3 for the twelve months.

Ann Franklin, *Acting Head Teacher*

Partially Sighted Unit—Blackamoor

There were 15 children on the roll at the beginning of the year, 9 boys and 6 girls, with an age range of 7 to 16+ years. During the year 4 boys left and 4 boys were admitted leaving number on roll at 15, again made up of 9 boys and 6 girls. The age range had considerably extended however, to make it 4 years to 16+ years.

All the boys who left had attained 16 years and 3 of them went into employment, (one to a sheltered workshop). The fourth boy went for assessment and possible engineering training at Queen Alexandra's College, Birmingham.

All the four boys admitted were 4 years of age and this was good, in that a small group of children in the lower section of the unit could begin to be educated from scratch according to our methods for the education of partially sighted children. This would seem to be almost the ideal age to admit children into a unit such as ours, always provided that adequate classroom space is available. This has been a problem over the last 30 years but happily plans are now afoot to rectify this state of affairs and the lot of the partially sighted children in the unit will most certainly be greatly improved. The teaching staff too will benefit considerably in that they will be able to extend the range of classroom activities which are at present precluded on account of lack of space.

Our thanks are due to the school nurse, physiotherapist, speech therapist and welfare staff for their invaluable services rendered during the year.

Crosshill School

The average number of children on roll during the year was just below 170. The boys still outnumbered the girls, being consistent with the national pattern for E.S.N. schools. With the increasing number of younger children attending, the problems of individual transport have become more difficult. At least 30 children are brought to the school daily by taxi. This accentuates difficulties of prompt attendance and it also tends to encourage parents to abdicate some of their responsibilities. It is easy to take the view that "The Authority" will see to everything.

School work was affected during the power cuts but of more concern was the effect of break-ins and vandalism. On one occasion two classes were sent home because of the damage inflicted upon classrooms. Over the year it was estimated that at least 70 windows were broken, causing damage and inconvenience, apart from other destruction to doors and administrative rooms.

The value of all work done here is that it continues steadily and quietly, providing a regular routine and secure basis upon which to build the necessary all round development of children. One highlight was the organisation of a Cross Country Competition at Witton Park in which twelve special schools from Lancashire were involved.

Regular co-operation with the Health and Social Services helps to assist in the continuation of the fine work being done in the school.

A. ROBERTS, *Headmaster.*

Table 4

Handicapped Children — New Assessments and Placements

During calendar year ended 31st December, 1972:													
A	Handicapped children newly assessed as needing special educational treatment at special schools or in boarding homes												
		Blind	Partially Sighted	Deaf	Partially Hearing	Physically Handicapped	Delicate	Mal-adjusted	E.S.N.	Epileptic	Speech Defect	Total	
B	Children newly placed in special schools (other than hospital special schools) or boarding homes	boys	1	3	2	2	6	6	4	23	..	..	47
		girls	..	..	..	3	3	4	..	18	1	..	29
		boys	1	..	2	1	6	6	1	11	..	..	28
		girls	..	..	..	3	2	4	..	8	1	..	18
		(ii) of those assessed prior to January, 1971	1	..	..	..	..	..	3	17	..	..	21
		boys	..	..	..	..	1	..	..	10	..	..	11
		girls	2	..	2	1	6	6	4	28	..	..	49
		(iii) TOTAL newly placed—B(i) and (ii)	..	..	..	3	3	4	..	18	1	..	29
		boys											
		girls											

Analysis of Special Schools to which Blackburn Children have been admitted.

On 20th January, 1973 three hundred and twenty eight children (203 boys and 125 girls) were in special schools as follows:

	<i>Boys</i>	<i>Girls</i>
BLIND PUPILS		
Wavertree School, Liverpool	1 ..	1
Worcester College for the Blind, Worcester	1 ..	-
Royal School for Blind, Liverpool	1 ..	-
Sunshine House, Southport	2 ..	-
Henshaw's, Harrogate	1 ..	-
PARTIALLY SIGHTED PUPILS		
Partially Sighted Class, Blackamoor	2 ..	3
West of England School, Exeter	1 ..	-
DEAF PUPILS		
Thomasson Memorial, Bolton	- ..	1
Royal Cross School for the Deaf, Preston	1 ..	2
Northern Counties School for the Deaf	- ..	1
Royal School for the Deaf, Cheshire	1 ..	-
PARTIALLY HEARING PUPILS		
Blackamoor Special School	1 ..	-
Southport School for Partial Hearing	1 ..	-
Thomasson Memorial School, Bolton	2 ..	-
DELICATE PUPILS		
Blackamoor Special School	4 ..	6
St. Dominic's, Godalming	1 ..	-
St. Joseph's Cranleigh	2 ..	-
EDUCATIONALLY SUBNORMAL PUPILS		
Crosshill	102 ..	68
Crowthorn, Bolton	4 ..	1
Oakfield, Liverpool	- ..	1
Eden Grove, Appleby	5 ..	-
Woodville Special School	1 ..	-
St. Christopher Trust, Glossop	1 ..	-
Hargreaves House, Oswaldtwistle	- ..	1
Pontville, Ormskirk	1 ..	-
Massey Hall, Warrington	- ..	1
St. Joseph's, Cranleigh	2 ..	-
MALADJUSTED		
Blackamoor Special School	3 ..	3
Badgeworth Court	1 ..	-
Childscourt, Wincanton	1 ..	-
Pitt House, Devon	4 ..	-
Witherslack Hall, ...	1 ..	-
Burnt Norton, Gloucester	1 ..	-
Wessington Court	1 ..	-
Massey Hall, Thelwell	1 ..	-
EPILEPTIC PUPILS		
Blackamoor Special School	5 ..	2
Maghull, Liverpool	1 ..	1
Chilton School, Maghull	- ..	1
PHYSICALLY HANDICAPPED		
Blackamoor Special School	36 ..	29
Margaret Barclay, Mobberley	- ..	1
Bleasdale House	2 ..	-
Chantrey School, Sheffield	- ..	1
Chailey Heritage, Lewes	1 ..	-
Wellburn Hall Special School Kirbymoorside ..	- ..	-
Standish Hostel	1 ..	-
Mere Oaks, Standish	1 ..	-
Meath School, Ottershaw	1 ..	-
Birtenshaw Hall, Bolton	1 ..	-
SPEECH		
Blackamoor Special School	1 ..	-
Thornbury Park	1 ..	-
AUTISTIC		
Cranage Hall Hospital, Cranage	1 ..	-

SECTION SIX

MISCELLANEOUS

Co-operation

Teachers, Parents, and School Welfare Officers have fully co-operated in the work of the School Medical Department. To all of them I would express my sincere appreciation.

Employment of Children and Young Persons

The Departmental Officers examined 544 children for employment during the year.

Two hundred and seventeen children (155 boys and 62 girls) were licensed for employment out of School hours. No children were licensed to take part in entertainments.

National Society for the Prevention of Cruelty to Children

During 1972 my colleagues and I were privileged to be concerned with the welfare of 198 Blackburn children. In 24 cases the family came to our notice through the parents themselves seeking aid and advice. Officials of the local authority referred 22 families. The following figures indicate why some of the children needed our help and support:

- 67 were being neglected.
- 16 were physically injured.
- 22 were being left alone.
- 15 were emotionally disturbed.
- 78 were 'at risk' but without specific symptoms.

The reasons for the children being in distressing circumstances varied considerably and the following are but a few examples:

In 16 families there was a disturbed parent/child relationship.

Material or financial problems existed in 14 families.

Unsatisfactory housing appeared to be the root cause of problems for another 14 families.

I am pleased to report that in the majority of cases we were able to help the parents and the children through casework support until the problems or abuse had been appropriately dealt with. Some of the families needed long term support and are still being supervised regularly. In only one case was it necessary to seek the help of the Juvenile Court when 3 children were committed to care.

My colleagues and I will continue to do all that is necessary to assist children in trouble for whatever reason, our main aim being to keep the family intact. We express our thanks to the officials of the local authority for their invaluable support in achieving this most desirable objective.

T. Bamber
Inspector

School Meals Service

Meals supplied to children during the year 1st January to 31st December 1972.

Primary Schools	Free	283,024	Paid	1,021,66
Secondary Schools	Free	114,966	Paid	511,192
Special Schools	Free	17,346	Paid	28,707
Dame Evelyn Fox		10,726		
Nursery Schools		Nil		

Average daily number fed during each month in 1972

January	11812	July Holidays	135
February	9480	August	12441
March	10309	September	12792
April	11967	October	12770
May	11083	November	12609
June/July	11059	December	12431

Milk in Schools

Secondary Schools	—	Nil
Junior and Infant Schools	—	895,556
Special Schools	—	85,498
Nurseries	—	52,267
	Total	1,033,321

DEPARTMENT OF EDUCATION AND SCIENCE

MEDICAL INSPECTION AND TREATMENT OF PUPILS ATTENDING MAINTAINED AND ASSISTED PRIMARY AND SECONDARY SCHOOLS

(Including Nursery and Special Schools)

GROUP A—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	No. of cases known to have been dealt with
External and other, excluding errors of refraction and squint	—
Errors of refraction (including squint)	1066
TOTAL	1066
Number of pupils for whom spectacles were prescribed ..	474

GROUP B—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	No. of cases known to have been dealt with
Received operative treatment—	
(a) for diseases of the ear	161
(b) for adenoids and chronic tonsillitis	153
(c) for other nose and throat conditions	123
Received other forms of treatment	28
Total	465
Total number of pupils in schools who are known to have been provided with hearing aids	
(a) in 1972	5
(b) in previous years	34

GROUP C—ORTHOPAEDIC AND POSTURAL DEFECTS

	No. of cases known to have been dealt with
(a) Pupils treated at clinics or out-patient departments	183
(b) Pupils treated at school for postural defects ..	—
Total	183

GROUP D.—DISEASES OF THE SKIN

	No. of cases known to have been dealt with
Ringworm—(i) Scalp	—
(ii) Body	—
Scabies	247
Impetigo	—
Other skin diseases	—
TOTAL	247

GROUP E.—CHILD GUIDANCE TREATMENT

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	92
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GROUP F.—SPEECH THERAPY

Number of pupils treated by Speech Therapists under arrangements made by the Authority ..	163
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GROUP G.—OTHER TREATMENT GIVEN

(a) Number of miscellaneous minor ailments treated by the Authority	—
(b) Pupils who received convalescent treatment under School Health Service arrangements ..	—
(c) Pupils who received B.C.G.	568
(d) Others—	
1. Orthoptics*	714
2. Sunlight	22
3. Cleansing (Heads)	293
4. Chiropody	1485
5. Audiometry	11750
TOTAL (a—d).. .. .	14832

* In addition 200 Lancashire County Council pupils were dealt with during the year.

